

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.
Rabbit anti hGAPDH-AF647	N/A	Abcam	ab215227	EPR6256
Rabbit anti hOTC	PMID: 27657746	Sigma-Aldrich	HPA000243	Polyclonal
Donkey anti rabbit-AF594	PMID: 28321397	Invitrogen	A21207	Polyclonal
Rabbit anti hOTC	PMID: 30108309	Abcam	ab91418	Polyclonal
Mouse anti vinculin	PMID:19279185	Sigma-Aldrich	V9131	hVIN-1
Goat anti rabbit-HRP	PMID: 31575858	Santa Cruz Biotechnology	Sc-2004	Polyclonal
Goat anti mouse-HRP	PMID: 31530811	Dako	P0447	Polyclonal
Rabbit anti Ki-67	PMID: 30622257	Abcam	ab16667	SP6
Rabbit anti-BrdU	PMID: 30551353	Abcam	ab1893	Polyclonal
Rabbit anti-GAPDH	PMID: 30710055	Abcam	ab128915	EPR6256
Donkey anti-sheep IgG	PMID: 29670169	Jackson ImmunoResearch Laboratories	713-065-147	Polyclonal
Donkey anti-rabbit IgG	PMID: 31558756	Jackson ImmunoResearch Laboratories	711-065-152	Polyclonal

1.2 Cell lines

Name	Citation	Supplier	Cat no.	Passage no.	Authentication test method
HEK-293	Graham <i>et al.</i> (1977) Characteristics of a human cell line	Professor Dusty Miller (Fred Hutchinson Cancer	N/A	<P40	None; the HEK-293 cell line was tested and found to be

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	transformed by DNA from human adenovirus type 5. J Gen Virol 36(1): 59-74	Research Center			free of mycoplasma
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1.3 Organisms

Name	Citation	Supplier	Strain	Sex	Age	Overall n number
<i>Mus musculus</i>	Li <i>et al.</i> (1999) Biochim Biophys Acta 1455(1):1-11	The Jackson Laboratory (Bar Harbor, ME)	Sp ^{fash}	Male	3-4 old newborn pups	n=5 per treatment group (unless an animal was culled for ill health)
<i>Mus musculus</i>	Azuma <i>et al.</i> (2007) <i>Nat Biotech</i> 25: 903-910	Professor Markus Grompe (Oregon Health and Science University, Portland, Oregon)	FRG (Fah ^{-/-} /Rag2 ^{-/-} /Il2rg ^{-/-})	Female	Adult, engrafted at 8-12 weeks of age	n=5 per treatment group (unless patient hepatocytes were limiting)

1.4 Sequence based reagents

Name	Sequence	Supplier
Human OTC minigene	NCBI Reference Sequence NG_008471.1	GenScript

1.5 Biological samples

Description	Source	Identifier
Primary human hepatocytes	Explanted liver	Deidentified, mutation in exon 9 (c.905A>T)

1.6 Deposited data

Name of repository	Identifier	Link
National Center for Biotechnology Information (NCBI) Sequence Read Archive (SRA)	Accession number PRJNA543707	https://www.ncbi.nlm.nih.gov/sra/?term=PRJNA543707

1.7 Software

Software name	Manufacturer	Version
CRISPResso	http://crispresso.pinelloolab.partners.org	1.0.8
Blastn	https://blast.ncbi.nlm.nih.gov/Blast.cgi	2.6.0+
GraphPad Prism	https://www.graphpad.com/scientific-software/prism/	7.02
ZEN 2	Zeiss	2.0.0.0

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

Reagent	Supplier	Catalogue number
pX602 (plasmid)	AddGene	Plasmid #61593
2-(2-nitro-4-fluoromethylbenzoyl)-1,3-cyclohexanedione (NTBC; CuRx™ Nitisinone)	Yecuris	20-0028
Bromodeoxyuridine (BrdU)	Sigma-Aldrich	B5002

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.

No randomised controlled trials are included in this manuscript