

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.
COMMD10		Abcam	Ab127691	polyclonal
HIF-1 α		Abcam	Ab463	Monoclonal
xCT		Novus	NB300-318	polyclonal
CP		Proteintech	21131-1-AP	polyclonal
β -Tubulin		Proteintech	10094-1-AP	polyclonal
H2AX		Proteintech	10856-1-AP	polyclonal
Ubiquitin		Proteintech	10201-2-AP	polyclonal
GST		Proteintech	10000-0-AP	polyclonal
GAPDH		Proteintech	10494-1-AP	polyclonal

1.2 Cell lines

Name	Citation	Supplier	Cat no.	Pas sage no.	Authent ication test method
HCCLM3	PMID: 12133480	Shanghai Institutes for Biological Sciences (Shanghai, China)			
HepG2	PMID: 233137	Shanghai Institutes for Biological Sciences (Shanghai, China)			
MHCC-97H	PMID: 11819844	Shanghai Institutes for Biological Sciences (Shanghai, China)			
Huh7	PMID: 6203805	Shanghai Institutes for Biological Sciences (Shanghai, China)			
CNE2	PMID: 6852976	Shanghai Institutes for Biological Sciences (Shanghai, China)			

SW480	PMID: 1000501	ATCC	CCL-228		
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1.3 Organisms

Name	Citation	Supplier	Strain	Sex	Age	Overall n number
BALB/c nude	PMID: 4568449	Guangdong Medical Laboratory Animal Center (Guangdong, China)	BALB/c nude	F	4–6 wk	88

1.4 Sequence based reagents

Name	Sequence	Supplier
COMMD1 Forward	5'- GAAGACGCTGTCAGAGGTAG -3'	
COMMD1 Reverse	5'- TTAGAAAAGGTCAGTGGGGA -3'	
COMMD2 Forward	5'- TTAAGACAGTAAACGGGAAA -3'	
COMMD2 Reverse	5'- GAGATGAACAAAAAAAAAAGG -3'	
COMMD3 Forward	5'- CAGAACACTGATTCCCCATC -3'	
COMMD3 Reverse	5'- CCTCTTAACCCTTTCACACG -3'	
COMMD4 Forward	5'-GGAAACTGGGGGAGGTTGTA -3'	
COMMD4 Reverse	5'-CCGCACTGGAGAGGATGAAA -3'	
COMMD5 Forward	5'- CCTTTTTTCTTTTTGGAAG -3'	
COMMD5 Reverse	5'- AGGCTGAGCAACTGTATGTT -3'	
COMMD6 Forward	5'- GATTGACCATTGCTCCTTTA -3'	
COMMD6 Reverse	5'- CTCGTCTTTCCTCAACTCTGCG -3'	

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COMMD7 Forward	5'- TTAAGAAAGGAAATCAAACC -3'	
COMMD7 Reverse	5'- ACAGAAATCAGCAGAAACAC -3'	
COMMD8 Forward	5'- TGAAATGAGTAGAGAGGAGC -3'	
COMMD8 Reverse	5'- AGTCAAGACATCACAAGGTT -3'	
COMMD9 Forward	5'- AGGTGAAGAAGTGGGAATAA -3'	
COMMD9 Reverse	5'- TGAAAACACAGAAAGTGGTG -3'	
COMMD10 Forward	5'-ATAGTGTTGCTTTCTTGCCCTGTC-3'	
COMMD10 Reverse	5'-ACCAAAGCTC TGTATTCTACTAAGG-3'	
ACSL4 Forward	5'- CATCCCTGGAGCAGATACTCT -3'	
ACSL4 Reverse	5'- TCACTTAGGATTTCCCTGGTCC -3'	
FTH1 Forward	5'- TCCTACGTTTACCTGTCCATGT -3'	
FTH1 Reverse	5'- GTTTGTGCAGTTCCAGTAGTGA -3'	
GPX4 Forward	5'- GAGGCAAGACCGAAGTAAACTAC -3'	
GPX4 Reverse	5'- CCGAACTGGTTACACGGGAA -3'	
NOX1 Forward	5'- TTGTTTGGTTAGGGCTGAATGT -3'	
NOX1 Reverse	5'- GCCAATGTTGACCCAAGGATTTT -3'	
PTGS2 Forward	5'- CTGGCGCTCAGCCATACAG -3'	
PTGS2 Reverse	5'- CGCACTTATACTGGTCAAATCCC -3'	
SLC3A2 Forward	5'- CTGGTGCCGTGGTCATAATC -3'	

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SLC3A2 Reverse	5'- GCTCAGGTAATCGAGACGCC -3'	
SLC7A11 Forward	5'- TCTCCAAAGGAGGTTACCTGC -3'	
SLC7A11 Reverse	5'- AGACTCCCCTCAGTAAAGTGAC -3'	
SOD1 Forward	5'- GGTGGGCCAAAGGATGAAGAG -3'	
SOD1 Reverse	5'- CCACAAGCCAAACGACTTCC -3'	
CP Forward	5'- GGGCCATCTACCCTGATAACA -3'	
CP Reverse	5'- TTAAAGGTCCGATGAGTCCTGA -3'	
GAPDH Forward	5'-CCATCAATGACCCCTTCATTGACC-3'	
GAPDH Reverse	5'-GAAGGCCATGCCAGTGAGCTTCC-3'	

1.5 Biological samples

Description	Source	Identifier

1.6 Deposited data

Name of repository	Identifier	Link

1.7 Software

Software name	Manufacturer	Version
SPSS	IBM	20.0
Graphpad Prism		7.0
Adobe Illustrator		6.0

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

Reagent	Supplier	Cat. No.
Cell-Light Edu Apollo567	Ribobio (China)	C10310-1

Ferrostatin-1	Selleck Chemicals (USA)	S7243
Liprostatin-1	Selleck Chemicals (USA)	S7699
ZVAD-FMK	Selleck Chemicals (USA)	S7023
Chloroquine	Selleck Chemicals (USA)	S4157
Belnacasan	Selleck Chemicals (USA)	S2228
Necrosulfonamide	Selleck Chemicals (USA)	S8251
Erastin	Selleck Chemicals (USA)	E7781
COMMD10/shCOMMD10 lentivirus plasmid	GeneCopoeia (USA)	
Copper Assay Kit	BioAssay Systems (USA)	DICU250
GSSG/GSH Quantification Kit II	Dojindo Molecular Technologies Kumamoto (Japan)	G263
BODIPYTM581/591C11	Thermo Fisher (USA)	D3861
YC-1	Selleck (China)	S7958
Tetraethylenepentamine (TEPA)	Sigma-Aldrich (USA)	375683
Lipofectamine®2000	Invitrogen, Carlsbad, CA (USA)	11668027
Cell counting kit 8	Dojindo Molecular Technologies, Kumamoto (Japan)	CK04
FerroOrange solution	Dojindo Molecular Technologies, Kumamoto (Japan)	F374

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.