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:

N.A.

1.1 Antibodies

Name	Citation	Supplier	Cat no.	Clone no.
Ki67		Abcam	Ab15580	
Total CTNNB1		Cell Signaling Technology (CST)	8480	
Flag		Sigma-Aldrich	F3165	
Active CTNNB1		CST	8814	
PPARG		CST	2435S	
ACTB		TransGen Biotech	HC201	

1.2 Cell lines

Name	Citation	Supplier	Cat no.	Passage no.	Authentication test method
HHL7	18			From 10-20	RT-PCR
PLC/PRF/5		ATCC	TCP-1011	From 10-20	
Hep3B		ATCC	TCP-1011	From 10-20	
C3A		ATCC	TCP-1011	From 10-20	

1.3 Organisms

Name	Citation	Supplier	Strain	Sex	Age	Overall n number
Fah/SB11	11, 12, 15-17	University of Minnesota, MN, USA	Mixed C57BL/6 X 129	Male	160 to 200-days	17

1.4 Sequence based reagents

Name	Sequence	Supplier

Afp-For (RT-PCR)	CCTGTGAACTCTGGTATCAG	Life Technologies (LT)
Afp-Rev (RT-PCR)	GCTCACACCAAAGCGTCAAC	LT
Spp1-For (RT-PCR)	CTTTCACTCCAATCGTCCCTAC	LT
Spp1-Rev (RT-PCR)	GCTCTCTTTGGAATGCTCAAGT	LT
Actb-For (RT-PCR)	GTGACGAGGCCCAGAGCAAGAG	LT
Actb-Rev (RT-PCR)	AGGGGCCGGACTCATCGTACTC	LT
Fah-For (RT-PCR)	ATGAGCTTTATTCCAGTGGCC	LT
Fah-Rev (RT-PCR)	ACCACAATGGAGGAAGCTCG	LT
SB11-For (RT-PCR)	ATGGGAAAATCAAAAGAAATCAGCC	LT
SB11-Rev (RT-PCR)	CGCACCAAAGTACGTTCATCTCTA	LT
Zbtb20-For (RT-PCR)	ATGAGATTACTCAGCCGGGCGGATC	LT
Zbtb20-Rev (RT-PCR)	AGCTTGTCTTGGAAGAAGGGGCTGC	LT
ZBTB20-For (RT-PCR)	CGAGCGCATTCACAGCATCAACCTT	LT
ZBTB20-Rev (RT-PCR)	TCTCGATGTCGCTGTAGCCAAGCAG	LT
Actb-For (qPCR)	TCCAGCCTTCCTTCTTGGGTATGGA	LT
Actb-Rev (qPCR)	CGCAGCTCAGTAACAGTCCGCC	LT
Axin-For (qPCR)	ATGAGTAGCGCCGTGTTAGTG	LT
Axin-Rev (qPCR)	GGGCATAGGTTTGGTGGACT	LT
Ccnd1-For (qPCR)	CAGAAGTGCGAAGAGGAGGTC	LT
Ccnd1-Rev (qPCR)	TCATCTTAGAGGCCACGAACAT	LT
Ctnnb1-For (qPCR)	ATGGAGCCGGACAGAAAAGC	LT
Ctnnb1-Rev (qPCR)	CTTGCCACTCAGGGAAGGA	LT
Lef1-For (qPCR)	TGTTTATCCCATCACGGGTGG	LT
Lef1-Rev (qPCR)	CATGGAAGTGTCGCCTGACAG	LT
Myc-For (qPCR)	ATGCCCCTCAACGTGAACTTC	LT
Myc-Rev (qPCR)	CGGAGTCGTAGTCGAGGTCATA	LT
Tcf7-For (qPCR)	AGCTTTCTCCACTCTACGAACA	LT
Tcf7-Rev (qPCR)	AATCCAGAGAGATCGGGGGTC	LT
Gapdh-For (qPCR)	GTGTTCCTACCCCCAATGTGT	
Gapdh-Rev (qPCR)	GAGACAACCTGGTCCTCAGTGT	
ACTB-For (qPCR)	GCCGTCTTCCCCTCCATCGT	LT
ACTB-Rev (qPCR)	TGCTCTGGGCCTCGTCGC	LT
AXIN2-For (qPCR)	CTCCCCACCTTGAATGAAGA	LT
AXIN2-Rev (qPCR)	TGGCTGGTGCAAAGACATAG	LT
AFP-For (qPCR)	CTTTGGGCTGCTCGCTATGA	LT
AFP-Rev (qPCR)	GCATGTTGATTTAACAAGCTGCT	LT
PPARG-For (qPCR)	ACCAAAGTGCAATCAAAGTGGA	LT
PPARG-Rev (qPCR)	ATGAGGGAGTTGGAAGGCTCT	LT

CTNNB1-For (qPCR)	AAAGCGGCTGTTAGTCACTGG	LT
CTNNB1-Rev (qPCR)	CGAGTCATTGCATACTGTCCAT	LT
ZBTB20-For (qPCR)	CGAGCGCATTCACAGCATCAACCTT	LT
ZBTB20-Rev (qPCR)	TCTCGATGTCGCTGTAGCCAAGCAG	LT
CCND1-For (qPCR)	GCTGCGAAGTGGAAACCATC	LT
CCND1-Rev (qPCR)	CCTCCTTCTGCACACATTTGAA	LT
GSK3B-For (qPCR)	TCGAGAGCTCCAGATCATGAGAA	LT
GSK3B-Rev (qPCR)	CGGAACATAGTCCAGCACCAGA	LT
APC-For (qPCR)	AAAACGAGCACAGCGAAGAATAGC	LT
APC-Rev (qPCR)	TCGTGTAGTTGAACCCTGACCAT	LT
PPARG Promoter-For	GGTACCCACTCATGTGACAAGACCTGCTCC	LT
GAPDH-For (qPCR)	GTCTCCTCTGACTTCAACAGCG	LT
GAPDH-Rev (qPCR)	ACCACCCTGTTGCTGTAGCCAA	LT
PPARG Promoter-Rev	GCTAGCAGCATGGAATAGGGGTTTGCTGTAATTC	LT
ZBTB20 gRNA1	CAGCGACATCGATCCCGTCGG	LT
ZBTB20 gRNA2	CGTGCTACGGGTCTCGCAGTCGG	LT
ZBTB20 gRNA3	AACAGAACTACGTCAAGCATGG	LT
ZBTB20 gRNA4	AACCGCGAGGAAGAGGAATTAGG	LT
ZBTB20 gRNA5	GTGTAGTATCTGCAACAAGCTGG	LT
Scramble gRNA	CATTTCTCAGTGCTATAGA	LT
ZTBT20 Primer 1	CGAGCGCATTCACAGCATCAACCTT	LT
ZTBT20 Primer 2	GAACACATCGCCCACGTTCT	LT
ZTBT20 Primer 3	CCGCCAAACAGAACTACGTC	LT
ZTBT20 Primer 4	CCAGGAGGGTCTTGTGAGAGA	LT
ZTBT20 Primer 5	CAGCCCTCTTCACTACCCAG	LT
Flag-Tagged	GACTACAAAGACGATGACGACAAG	LT

1.5 Biological samples

Description	Source	Identifier
N.A.		

1.6 Deposited data

Name of repository	Identifier	Link
N.A.		

1.7 Software

Software name	Manufacturer	Version
ImageJ	NIH, Maryland, USA	1.40J
Prism Software	GraphPad Software Inc.	5

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

pKT2/GD-Empty	Citation 16	
pT2/GD-IRES-GFP	Citation 12	
pT2/shp53	Citations 11, 12, 15, 16	
ZBTB20 transcript variant 1 (isoform 1)	OriGene	NM_001164342
ZBTB20 transcript variant 2 (isoform 2)	OriGene	NM_015642.2
pPB/SB-DEST-GFP	Citation 19	
Cas9 (pSpCas9(BB)-2A-Puro (PX459) V2.0	Addgene	62988
M50 Super 8x TOP-Flash	Addgene	12456
M51 Super 8x FOP-Flash	Addgene	12457
NTBC drug	Swedish Orphan Biovitrum	

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.

N.A.