

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 23334

Title: Eukaryotic elongation factor-1 α 2 knockdown inhibits hepatocarcinogenesis by suppressing PI3K/Akt/NF- κ B signaling

Reviewer's code: 02943116

Reviewer's country: Pakistan

Science editor: Yuan Qi

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

1. In the Methods section, under subheadings "Lentivirus-based short hairpin RNA (shRNA) silencing in BEL-7402 cells and experimental grouping", "Real-time polymerase chain reaction (PCR)", and "Western blot" it is not mentioned for how long the BEL-7402 cells were cultured post-lentivirus infection, before being analyzed for gene expression. 2. In the Methods section, under subheadings "Lentivirus-based short hairpin RNA (shRNA) silencing in BEL-7402 cells and experimental grouping" Last line of this subheading "Cells transfected at more than 80% were assessed" is confusing. Kindly clarify it further. 3. In Methods section, under subheading "Lentivirus-based eEF1A2 overexpression in SK-HEP1 cells and experimental grouping" lines 6-11 (pages 7/8) are a repetition of statement from previous subheading. These lines should be removed and information relevant to this subheading should be included here. Under same subheading, Line 2 of para 2 (page 8) the statement "with AgeI / AgeI double restriction enzyme digestion sites" does not look right. 4. For MTT, cell proliferation, cell cycle, and apoptosis cells were cultured for 5 days while for colony formation assay they were cultured for 14 days. Kindly justify this difference with



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reference(s). 5. In Results section under subheading “eEF1A2 was highly expressed in HCC liver cancer tissues and HCC cell lines” the way authors have presented range of expression (values in parentheses following median mRNA levels) is confusing. A small dash (-) in between min and max values will clear this confusion. 6. Figure 1 legend: SMMC-7721 cells not mentioned in methods or results, not even in the figure? Kindly clarify.