ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 28704
Title: Development of a fast, low-cost diagnostic strategy based on real-time PCR and FRET probe melting curve analysis to identify single point mutations in highly variable genomes such as hepatitis C virus
Reviewer's code: 00504141
Reviewer's country: Ireland
Science editor: Yuan Qi
Date sent for review: 2016-07-13 16:40
Date reviewed: 2016-08-09 19:44

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[Y] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Well written paper. Nicely laid out, with sufficient detail to be repeated by others. One suggestion. As the authors indicate that they are preparing similar work for the NS5A mutations why combine the two pieces of research into one unified paper.   The technique is a nice adaption of current RP-PCR protocols with detect Q80K which can be easily adapted to other parts of the genome and perhaps other viruses.

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Title: Development of a fast, low-cost diagnostic strategy based on real-time PCR and FRET probe melting curve analysis to identify single point mutations in highly variable genomes such as hepatitis C virus
Reviewer's code: 03478959
Reviewer's country: Brazil
Science editor: Yuan Qi
Date sent for review: 2016-07-13 16:40
Date reviewed: 2016-08-13 02:55

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
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		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The paper presents a large scientific contribution to the diagnosis of hepatitis C. A new strategy to detect single point mutations by real-time PCR was presented. This technology can be Implemented in routine clinical laboratories to be a technique of low-cost and sensitive. The paper is well written. The technique is a good adaption of current RT-PCR protocols with detect Q80K which can be easily adapted to other parts of the HCV genome and perhaps other viral types.