

ESPS PEER REVIEW REPORT

Name of journal: World Journal of Hepatology

ESPS manuscript NO: 13511

Title: Recombinase Polymerase Amplification (RPA) as a Promising Tool in HCV Diagnosis

Reviewer code: 00070481

Science editor: Yue-Li Tian

Date sent for review: 2014-08-26 17:44

Date reviewed: 2014-09-01 10:50

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

new techniques for diagnosis is useful for the researchers.

ESPS PEER REVIEW REPORT

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ESPS manuscript NO: 13511

Title: Recombinase Polymerase Amplification (RPA) as a Promising Tool in HCV Diagnosis

Reviewer code: 00043980

Science editor: Yue-Li Tian

Date sent for review: 2014-08-26 17:44

Date reviewed: 2014-09-17 08:44

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

COMMENTS TO AUTHORS

We have carefully evaluated this new manuscript. In the abstract, the authors should be more specific when mentioning the gold standard for diagnosis of Hepatitis C. The major points in the introduction don't fit together well and so the flow of ideas is not clear. Recombinase (Isothermal) Polymerase Amplification does not force the recreation of base-pairs; it can produce undesired products that impede amplification. The authors do not make it clear that during amplification of a nucleic acid sequence, that other authors have suggested that the primers should contain components of self-avoiding molecular recognition system or SAMRS. The authors do not make it clear why they focus on Recombinase Polymerase Amplification, while they do not clearly describe the advantages and disadvantages of other isothermal nucleic acid amplification techniques. The authors do not present preliminary data with regards to Hepatitis C to support their suggestions and predictions.