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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 36552

Title: Genetic variants of interferon regulatory factor 5 associated with chronic hepatitis B infection

Reviewer's code: 00503405

Reviewer's country: Hungary

Science editor: Ya-Juan Ma

Date sent for review: 2017-10-17

Date reviewed: 2017-10-17

Review time: 11 Hours

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is an interesting study in which the association of IRF5 haplotypes with clinical parameters and progression of HBV-associated liver diseases were studied. The authors found that IRF5 variants rs13242262A/T and rs10488630A/G display a strong association with the progression of B-virus liver cirrhosis. The connection of IRF5 haplotypes and anti-B-viral immune response is not fully clear, but using large search engines, no uptodate data can be found in this topic. English language needs minor polishing. After minor revision I suggest to accept the manuscript for publication.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 36552

Title: Genetic variants of interferon regulatory factor 5 associated with chronic hepatitis B infection

Reviewer's code: 02860590

Reviewer's country: Brazil

Science editor: Ya-Juan Ma

Date sent for review: 2017-10-24

Date reviewed: 2017-11-12

Review time: 19 Days

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

COMMENTS TO AUTHORS

ESPS Manuscript NO: 36552 Comments for the authors Name of Journal: World Journal of Gastroenterology Manuscript Type: Case Control Study Title: Genetic variants of interferon regulatory factor 5 associated with chronic hepatitis B infection Running title: IRF5 variants and hepatitis B infection Specific comments: 1. Abstract: 199 words.

- Minor language polishing.
- Introduction: 368 words.
- The sentence "This study aims to investigate possible effects of IRF5 polymorphisms on susceptibility to HBV infection and progression of liver diseases among clinically classified Vietnamese patients" is confuse. Could the authors rewrite this sentence and define "clinically classified Vietnamese patients"?
- Material and methods: 569 words
- The description of the methodology is not written clearly. The authors must get a lot of attention to this part of the manuscript, because the quality of the methodology will be



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essential to reinforce the results of the study. Clarification should be provided for this matter. • How was made the diagnosis of hepatitis B? Could the authors revise the reference 21? • Did the patients receive antiviral therapy? • Clarification should be provided for the statistical strategies adopted regarding variance heterogeneity or non-normal distribution. • Results • 688 words. • The patients should be better characterized. • Discussion: • The authors should discuss in more details their findings • Reviewer conclusion: Accept but needs revision (minor).



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 36552

Title: Genetic variants of interferon regulatory factor 5 associated with chronic hepatitis B infection

Reviewer's code: 00068235

Reviewer's country: Pakistan

Science editor: Ya-Juan Ma

Date sent for review: 2017-11-03

Date reviewed: 2017-11-13

Review time: 9 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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
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		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

In the manuscript entitled "Genetic variants of interferon regulatory factor 5 associated with chronic hepatitis B infection" the authors genotyped four IFR5 SNPs in HBV patients and healthy controls by direct sequencing and real time PCR. In Introduction add a paragraph about the situations of Hepatitis in Vietnam and government's progress towards World Health Organization's Global Health Sector Strategy on viral Hepatitis (2016-2021). In study and subject heading. 242 samples from healthy individuals were collected from blood banks as the control group. Please write if they were screened for the presence of Hepatitis B and C and were negative in screening. Table 1: If you have the data of different clinical parameters of Healthy individuals than instead of writing NR, you can write the median and range values for them. Minor English language improvement required. The manuscript is well written and well presented. The article is



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suited well for publication in WJG after minor revision. Yasir Waheed