

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 55957

Title: PNPL and TM6SF2 Polymorphisms in Brazilian Patients with Nonalcoholic Fatty Liver Disease

Reviewer's code: 00070897

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2020-04-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-05-06 01:20

Reviewer performed review: 2020-05-07 02:09

Review time: 1 Day

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The authors investigated the association between PNPLA3 and TM6SF2 genotypes and clinical parameters and liver histological features of NAFLD. This is helpful for understanding genetic risk of NAFLD. 1.However, as the authers mentioned the patients size was smaller and only 44% of the patients performed liver biopsy. So the conclusion should be carefully evaluated. 2.In DISCUSSION section,the authors mentioned:"This finding was different from a previous Brazilian analysis[30], in which NASH occurrence was not associated with the G allele presence in the NAFLD individuals." "This finding suggests that in Brazilian population, the genetic variants of rs58542926 TM6SF2 may have distinct influence on NAFLD than that observed in other populations." Further reasons should be clarified in disussion section.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

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Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2020-04-30

Reviewer chosen by: Han Zhang

Reviewer accepted review: 2020-08-22 08:09

Reviewer performed review: 2020-08-22 08:49

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors have revised the manuscript following the reviewer comments.