

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 60827

**Title:** 00A6 and Associated LncRNAs as Biomarkers in the Diagnosis and Staging of Primary Biliary Cholangitis

**Reviewer's code:** 03538924

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-12-07

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-12-23 02:56

**Reviewer performed review:** 2020-12-28 03:50

**Review time:** 5 Days

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

“S100A6 and Associated lncRNAs as Biomarkers in the Diagnosis and Staging of Primary Biliary Cholangitis” by Xi-hua Dong et al. tried to identify novel biomarkers in the diagnosis and staging of Primary biliary cholangitis by in silico, in vitro, and in vivo methods. The authors are comprehensively searching for biomarker candidates using a reliable approach, and the results obtained were considered as novel biomarker candidates for PBC. 1. In order to consider S100A6 and associated lncRNAs as PBC-specific “diagnosis” biomarkers, it is necessary to show that their expression levels are different from those of other diseases. However, only PBC and healthy controls were compared in the present study. On the other hand, S100A6 and associated lncRNAs will be able to the biomarkers for “staging”. The entire manuscript, including the title, should be revised. 2. If there were changes in expression levels of S100A6 and associated lncRNAs before and after treatment, the data should be shown. 3. Was S100a6 the gene with the greatest change in expression level between disease model mice and control? That data should be shown in a Figure or Table.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** China

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**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2021-01-28 23:19

**Reviewer performed review:** 2021-01-28 23:34

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	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



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I have no further comments.