

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 60935

Title: Upregulation of long noncoding RNA W42 promotes tumor development by binding with DBN1 in hepatocellular carcinoma

Reviewer's code: 02570153

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Director, Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2020-11-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-11-23 02:02

Reviewer performed review: 2020-11-27 02:53

Review time: 4 Days

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 Grade E: Do not publish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 type="checkbox"/> Minor revision <input checked="" 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 biological functions and clinical significance of lncRNA W42 in hepatocellular carcinoma. Their results showed that the novel lncRNA W42, which is upregulated in HCC, may serve as a potential candidate prognostic biomarker and therapeutic target in HCC patients. The results and methods are technically sound, but the article needs to be further improved before acceptance for publication: 1. More data is needed to explain why the authors focus their research on lncRNA W42? 2. The authors need to provide more information about lncRNA W42 in the main text.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 60935

Title: Upregulation of long noncoding RNA W42 promotes tumor development by binding with DBN1 in hepatocellular carcinoma

Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-11-18

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-12-29 09:20

Reviewer performed review: 2020-12-31 01:59

Review time: 1 Day and 16 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 type="checkbox"/> Minor revision <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

Dear Authors, Thank you for your assigning to review the manuscript entitled, "Upregulation of long noncoding RNA W42 promotes tumor development by binding with DBN1 in hepatocellular carcinoma". The manuscript is well written and the topic is very interesting and timely. However, several major criticisms should be addressed as following. Major 1) Please add more explanations on the reasons why you select the non-coding long RNA W42 for analysis and the background on this important fact. 2) Are there any other non-coding RNAs involved in the development of hepatocellular carcinoma? If any references on non-coding RNAs related on the development of HCC have been reported to date, please list them up, and if possible, please add a new table on the manuscripts that have been reported to date. In addition, please add your own opinion on the future possibilities and perspectives on this important fact in the Discussion section. 3) Is the non-coding long RNA W42 really one of triggers for hepatocellular carcinoma carcinogenesis? Factors different from carcinogenesis or genetic and epigenetic factors related to the flow from chronic hepatitis to liver cirrhosis or from focal hepatocellular carcinoma carcinogenesis in the liver to multi-organ metastasis. For example, consider possible involvement in inflammation, fibrosis, viral hepatitis such as HBV, HCV, fatty liver, race, age, gender differences, etc., and add your own thoughts and considerations to the section of Discussion. 4) For example, recently, miRNA and ctDNA are detected in blood and body fluids such as urine, are useful for screening for the presence diagnosis of various cancers. Is it possible that non-coding RNA W42 or part of it can be detected in peripheral blood? Please add your own opinions and considerations on the expectations and usefulness of this method for future clinical diagnosis and screening for hepatocellular carcinoma detection. Sincerely yours, Takuya Watanabe, M.D., PhD, Director Watanabe Internal Medicine Aoyama



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Clinic Niigata, Japan

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 60935

Title: Upregulation of long noncoding RNA W42 promotes tumor development by binding with DBN1 in hepatocellular carcinoma

Reviewer's code: 01551432

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-11-18

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2021-02-15 04:02

Reviewer performed review: 2021-02-15 05:31

Review time: 1 Hour

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

SPECIFIC COMMENTS TO AUTHORS



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Dear Authors, The manuscript is properly revised. It is OK as it stands. sincerely