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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 59115

Title: Long non-coding ribonucleic acid W5 inhibits progression and predicts favorable prognosis in hepatocellular carcinoma

Reviewer's code: 05261716
Position: Peer Reviewer
Academic degree: PhD
Professional title: Professor
Reviewer's Country/Territory: China
Author's Country/Territory: China

Manuscript submission date: 2020-08-25
Reviewer chosen by: AI Technique
Reviewer accepted review: 2020-08-25 23:29
Reviewer performed review: 2020-08-26 09:49
Review time: 10 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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

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SPECIFIC COMMENTS TO AUTHORS

In this study, the authors investigate the role of Long non- coding RNA W5 in progression and predicting value of it in prognosis in hepatocellular carcinoma in vitro and in vivo. Mechanistically, they showed that the expression of lncRNA W5 was considerably reduced in HCC tissues, which suppressed proliferation, migration and invasion of tumor cells in vitro. The study also showed that low expression of lncRNA W5 correlated tumor progression and poor prognosis. Furthermore, manipulations of lncRNA W5 expression impacted on HCC biological behaviors. The results are interesting and add valuable knowledge to HCC. I would suggest it publish in WJG if the authors can address the following concerns. 1. The manuscript needs to be carefully checked and rewritten, several grammar mistakes need to be corrected. For example: "Weitonglihua Company" in page 6 should be corrected as "Vital River". Fig 1: 'Normol", should be replaced by Normal. 2. The affiliation should be consistent in manuscript. "302 Hospital" should be placed or noted by "The Fifth Medical Center of Chinese PLA General Hospital". 3. The figure should be re-arranged. The words in the figure are written in different sizes and several seemed to be in "blod font". 4. The authors described that "Levels of lncRNA W5 expression were relatively stable lower in Huh7 and LM3 among six HCC cell lines". But figure 1 showed that lncRNA W5 expression in Huh7 was relatively higher than in four cell lines. So the authors should confirm this. 5. I suggested the authors should use Cox survival analysis to further confirm the prognostic value of W5 for HCC.