

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 20812

Title: hsa-miR-29c and hsa-miR-135b differential expression as potential biomarker of gastric carcinogenesis

Reviewer's code: 02453616

Reviewer's country: United States

Science editor: Jing Yu

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input 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 type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The authors used gastric tissues derived from normal, gastritis, metaplasia, and carcinoma to investigate expression of 2 miRNAs and evaluate their potential to be biomarkers to distinguish these 4 groups. In the end, the authors also used public miRNA target prediction sites to predict possible targets of these 2 miRNAs but no experimental validation was performed in this study. The concept is clear and the flow of data presentation is straightforward. Questions for the authors: 1. Materials and methods: Normal and cancer tissues were fresh frozen and the other two types were FFPE. How did the authors control the impact from the FFPE of gastritis and metaplasia tissues on the expression level of these two miRNAs? 2. Both figures 1 and 2 show great variations of the 2 miRNAs in carcinoma samples. Is there anything that can stratify the samples, for example, grading or staging of the patients? 3. Figure 3: I assume the H. pylori detection was lumped together among all the samples (4 categories) for comparison. Anything interesting if the positivity was factored in figures 1 and 2? 4. Figure 3: Where are the error bars? 5. Any justification of using Z30 but not the other small RNA controls or in combination with other controls? Have they been tested that the expression is rather



BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

<http://www.wjgnet.com>

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