Reviewer's report

Title: Bioinformatic exploration of OLFML2B overexpression in gastric cancer base on multiple analyzing tools

Version: 0 Date: 28 Oct 2018

Reviewer: Takaaki Arigami

Reviewer's report:

The authors demonstrated the clinical significance of olfactomedin-like 2B (OLFML2B) expression in patients with gastric cancer. Although informative findings are included in the present study, there are some queries and comments.

Comments

1. According to Table 1, OLFML2B expression was significantly correlated with the depth of tumor invasion and clinical stage. This clinical stage was determined based on pre-operative diagnosis?

2. In Table 1, OLFML2B expression was not correlated with lymph node metastasis and distant metastasis. How do the authors discuss about these findings?

3. In Table 2, even univariate analysis did not select OLFML2B expression as independent prognostic factor. This result may suggest that the assessment of OLFML2B expression does not have the clinical utility for predicting prognosis in patients with gastric cancer. How do the authors discuss about this result?

4. In Figure 4, ROC curve was used to assess the clinical utility of OLFML2B as a diagnostic marker for detecting patients with gastric cancer. The sensitivity and specificity should be indicated in Result section.

5. OLFML2B expression in gastric and normal tissues should be assessed by immunohistochemistry.

6. Serum CEA and CA19-9 are used as a conventional diagnostic marker in the clinical management of gastric cancer. How about the relationship between these markers and OLFML2B expression?
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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