Reviewer’s report

Title: LncRNA PLAC 2 downregulates miR-21 in non-small cell lung cancer and predicted survival

Version: 0 Date: 17 Jun 2019

Reviewer: Amanjit Bal

Reviewer's report:

The study has analyzed the long non-coding RNA PLAC2 and its correlation with miRNA -21 in non-small cell lung carcinoma. They have showed that IncRNA PLAC2 downregulates miRNA-21 and inhibit cancer cell migration and invasion.

The following issues were not addressed to highlight its in-depth clinical importance:

Major Comments:

1. Authors have taken 70 cases of NSCLC and have not sub-categorized these as either squamous or adenocarcinoma. As both these subtypes have different molecular pathogenesis both PLAC2 and miRNA-21 may have different implication in each subtype.

2. Authors have compared their data with overall survival only. It would be interesting to analyse this in relation to smoking and lymph node and distant metastasis.

Minor Comments

3. Abstract: Line 10: From December 2010 to December………. Is missing

4. Introduction: Line 23: The present study was carried out to investigate the role of PLAC2 in glioma (not gliomas but NSCLC).

5. Methods: Line 33: From December 2010 to December………. Is missing

6. Need to check grammar
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.

Yes

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:

Needs some language corrections before being published

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