Reviewer’s report

Title: Linc01234 promotes cell proliferation and metastasis in oral squamous cell carcinoma via miR-433/PAK4 axis

Version: 0 Date: 13 Oct 2019

Reviewer: Dipti Mishra

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Title: Linc01234 promotes cell proliferation and metastasis in oral squamous cell carcinoma via miR-433/PAK4 axis

This manuscript is informative and may help in understanding the role of lncRNAs in OSCC. However, there are some concerns, which need to be clarified and further discussed in the manuscript.

1. Authors have not shown any supporting data, which can clarify the effect of Linc01234 knockdown/over expression on the level of expression of PAK4.

2. Authors should have compared the endogenous expression of miR-433-3p and PAK4 in different cell lines.

3. Effect of PAK4 knockdown on the proliferation/migration/invasion of different OSCC cells can be studied.

4. Why authors have shown HNSCC patient data, when manuscript is concerned about OSCC?

5. In the results section, while describing Figure 2C, authors have written Linc01234 siRNA transfected cells showed a glowing green fluorescence. Please check the sentence.

6. Provide Statistical analysis details i.e no. of repeats for each experiment in the respective legends.

7. Please go through the following writing/labeling errors in the manuscript:
   a. Provide catalog no. of all the cell lines used in the manuscript.
   b. In the results section, Figure 1B is written for tissues and Figure 1C is written for cell lines. But in the images, Figure 1B is for cell lines and 1C for tissues.
   c. In the Figure 3 legends A and B should be written for migration and invasion assays while C and D should be written for wound healing assays.
d. In the legends of Figure 1B and Figure 5E, the data is from which experiments should be mentioned (RT-PCR / Western Blot).

e. Label Figure 4D diagram with Linc01234 (wild/mutant).

f. Write Linc01234 in same pattern throughout the manuscript.

g. Authors should be more careful towards writing of the manuscript (Grammar/Spelling). In the last sentence of the Discussion section, write findings instead of founding.

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

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Please indicate the quality of language in the manuscript:

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