Reviewer’s report

Title: SET domain containing protein 5 (SETD5) enhances tumor cell invasion and is associated with a poor prognosis in non-small cell lung cancer patients

Version: 0 Date: 23 Feb 2019

Reviewer: Xiu-Peng Zhang

Reviewer's report:

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The manuscript titled with "SET domain containing protein 5 (SETD5) enhances tumor cell invasion and is associated with the poor prognosis of non-small cell lung cancer " is well designed and performed properly, they indicate that SETD5 may enhance lung cancer invasion and metastasis by promoting ERK and its downstream P90rsk, they have both in vitro data as well as human data which all indicated SETD 5 may play an important role in lung cancer.

However,

1. I think if they can improve the English write, the reader would be benefit a lot.

2. I wonder if Figure 2g should be the same style with the Figure 1, then author should list the number of the patients in different survival time as the figure 1.

3. As we know, the adenocarcinoma and squamous cell carcinoma are originating from different kind of cell types and if the authors can show whether the relationship between STED5 expression and histology of lung cancer, it would be helpful for the reader to understand more.

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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