Reviewer’s report

Title: Complex structural rearrangements are present in high-grade dysplastic Barrett's oesophagus samples

Version: 1 Date: 30 Jul 2018

Reviewer: Matthew Stachler

Reviewer's report:

The authors have improved the manuscript and attempted to answer all of the issues raised by the reviewers.

The only issue that wasn't quite addressed was the lack of determining all samples meet a minimum "tumor (or Barrett's epithelium" percentage to allow for adequate analysis of the sequencing results. For example, if there was a large inflammatory or stromal component on a sample all of the normal cells could easily drown out the signal for a somatic alteration.

This could be easily done by either re-reviewing the HE to confirm the epithelial cell content of the diagnosis or even computationally if there was identified alterations that allowed you to derive it.

Otherwise, it is hard to say whether samples that lack an alteration were truly negative or were negative because of a lack of power to detect a somatic alterations.

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 recommend additional statistical review

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

Acceptable

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