Reviewer's report

Title: Histological, immunohistochemical and mRNA gene expression responses in coeliac disease patients challenged with gluten using PAXgene fixed paraffin-embedded duodenal biopsies

Version: 1 Date: 17 Sep 2019

Reviewer: Rong Jun Guo

Reviewer's report:

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Please overwrite this text when adding your comments to the authors.

The authors address my concerns, but the response to my 1st point is not satisfactory: 'In our experience the yield of RNA extracted from FFPE blocks is much lower than from Paxgene fixed blocks". They should show data to support their statement. The reason I think is important is that FFPE is so commonly used in clinical laboratories. Until you have compelling data to show FFPE is not a good choice, readers would always ask how you know FFPE does not work.

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?
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Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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I recommend additional statistical review
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Acceptable

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