Reviewer’s report

Title: Highly proliferative anal neuroendocrine carcinoma: Molecular and clinical features of a rare, recurrent case in complete remission

Version: 0 Date: 23 Apr 2020

Reviewer: C. Peirce

Reviewer's report:

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Very interesting article with unique findings and an excellent patient outcome for a disease with traditionally very poor outlook.

Was the original operation an abdominoperineal excision of the rectum presumably?

Why do the authors think that Chromogranin A was not identified in the recurrent samples?

Which, if any, of the chemotherapeutic regimens do the authors now recommend as first line? 3 different combinations were used, possibly with synergistic effects, so it might be hard to comment.

What surveillance, if any, is the patient still undergoing?

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.

Not relevant to this manuscript

**Quality of written English**

Please indicate the quality of language in the manuscript:

Acceptable

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