Reviewer’s report

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

Version: 1 Date: 18 Jun 2020

Reviewer's report:

Juhlin C. et al. reported a rare cured case of anal NEC after multiple surgical resections and several rounds of chemotherapy with genetic and protein expression analyses.

The revised manuscript provided a lot of clinically informative ideas in addition to interesting findings.

Minor points
1. PIK3CA may be worth listed as a keyword.
2. The authors described that platinum-derived drugs are recommended for the treatment of neuroendocrine cancer by the Swedish national guidelines; I rather recommend citations of the ESMO (Pavel M, et al. Ann Oncol 2020) and/or other popular guidelines as well, as the readers of this journal work worldwide.

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Yes

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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