Reviewer’s report

Title: A family pedigree of malignancies associated with BRCA1 pathogenic variants: A reflection of the state of art in China

Version: 1  Date: 10 Jun 2019

Reviewer: Florentia Fostira

Reviewer's report:

This is a report of a relatively large family of Chinese ancestry, members of which carry a deleterious BRCA1 variant. Simultaneously, the authors highlight lack of specialized hereditary cancer centers in China.

Firstly, the Discussion section should be shortened. Focus on the main points raised in your study, i.e. multiple cancer diagnoses in the family reported and the lack of experts in China.

- 1st paragraph should be polished and rephrased.
- 2nd paragraph (lines 113-121) is irrelevant, at least where it is, and it doesn't flow with the rest of the text.
- I am really worried about the genetic testing in a minor. Although the authors tried to explain the reasons why they pursued the test, it still is against all Bioethics rules. What is the relevant law in China?
- The authors report QPCR as a method, but this is not described anywhere in detail.

Other Minor Comments:

1. What is the exact nomenclature of the mutation?
2. All abbreviations used should be refereed before using them.
3. There are multiple grammatical errors, eg. line 72 (pg5), throughout.
4. After the age (number) the word years should be added.
5. Reference 1 is not relevant to the sentence.
6. Reference 3 is not appropriate - please proceed to a careful read-through of all references.
7. Figures and tables are not numbered correctly.
**Level of interest**  
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

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

Needs some language corrections before being published

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