Reviewer’s report

Title: BRCA Mutations in a Cohort of Iraqi Patients Presenting to a Tertiary Referral Center

Version: 0  Date: 15 May 2019

Reviewer: Gopeshwar Narayan

Reviewer's report:

The authors have studied BRCA1 and BRCA2 mutations in ovarian and breast cancer patients of Iraq origin.

Comments:

1. The methods are not described in detail. It should be clearly described whether the cDNA was sequenced or genomic DNA was sequenced. I understand that genomic DNA was sequenced. If so, then please provide the list of primer sets for each exon (since PCR products were sequenced).

2. There is no mention of whether the specific mutations were detected in breast cancer patients or ovarian cancer patients, I suggest segregation of mutations in both the cancers.

3. Representative nucleotide peak pictures showing shifts/gaps/transition for each mutation with sequence should be provided.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No
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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