Reviewer’s report

Title: Monoallelic Characteristic-Bearing Heterozygous L1053X in BRCA2 Gene among Sudanese women with Breast Cancer

Version: 0 Date: 25 Mar 2016

Reviewer: Gulsah Cecener

Reviewer's report:

In the current study, the authors determined a nonsense mutation in BRCA2 gene (Exon 11). This study is very weak for mutation screening related with BRCA1/BRCA2 genes. It provides a very little information about Sudan BC patients.

There are several major weaknesses in this manuscript:

1. 3385 T → G alteration is not novel. It has rs41293477 number. This mutation was previously reported.

2. The number of patients were not enough. The authors mentioned different studies which determined BRCA2 gene mutation in different population. As they mentioned, all studies include a large number of patients. Thus, more patients should be added.

3. The authors screened only selected regions of exon 11 in BRCA2. The other regions in this exon and other exons of BRCA2 should be scanned due to the considerable effects of BRCA2 gene mutation.

4. The clinical parameters of patients should be added as table.

5. In the discussion section, authors mentioned different studies. However, there is a lack between paragraphs. Thus, this section should be re-written.

6. The English is below the required standard. Please read the paper carefully for English language style, grammar and spelling, and make appropriate corrections and changes.

7. Ethical approval number should be given.

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.

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:

Not suitable for publication unless extensively edited

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