Author’s response to reviews

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

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Version: 2 Date: 23 Jun 2017

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Editor Comments:

In order to strengthen the relevance of the manuscript, please mention the presence of the mutation described in ClinVar (https://www.ncbi.nlm.nih.gov/clinvar/RCV000031401/) and highlight the geographic provenience of the samples, as suggested by reviewer 3.
Eventually, it would be nice to include a table with all the BRCA2 mutations described in African studies, specifying the country of each study.

(Replies to editor comments):

# Two Tables have been designated, one to highlight the mutation described by ClinVar with different nomenclatures, and the other one highlights the geographic provenience of the samples, besides some notes have been added, please refer to the manuscript Table file document, Tables (5) & (6). The added information (highlighted Turquoise) has been mentioned at Discussion lines (18 and 19) page (8) and lines (2, 3 and 4) page (9).

# The BRCA2 mutations detected within African literature Table, the table highlighted the detected variant within a specific country and included citation reference to the study identified the variant/s, so references have been more expanded to include this aspect. The references have been highlighted Gray-25%.

Reviewer reports:

Valeria D'Argenio (Reviewer 3): The paper has been greatly improved after revisions made to answer to reviewers remarks.

However, in the current form, some doubts about the scientific added value of the work still remains. In a general context, considering the diffusion of BRCA genes testing and the technologies currently used for this purpose, this work seems to be too poor. However, considered in its geographic context, it could be more enhanced considering the lack of data regarding BRCA mutations in some countries.

This aspect should be highlighted in the manuscript.

(Reply to Reviewer 3) # In accordance with Reviewer 3 recommendation, information has been added, please refer to the manuscript in the Discussion section lines (18, 19, 20 and 21), page (10).