Reviewer’s report

Title: Genetic Determinants of Sporadic Breast Cancer in Sri Lankan Women

Version: 0 Date: 29 Jun 2017

Reviewer: Larisa Haupt

Reviewer's report:

The paper by Siresena et al is well written. The study is logical and the experiments performed well planned, described well and the conclusions drawn are appropriate. There are some minor typographical and grammatical errors throughout, but these can easily be corrected with another proof read. I would like to have seen more structure in the discussion section, potentially some sub headings and some more information presented about the LD data in Table 2 and any interactions of the three genes identified in the Sri Lankan population. As an example it is postulated that XRCC2 may interact with other biological pathways, was a cursory look preformed? Is there any evidence of this? The legends for the Tables presented do not clearly identify the contents, this should be improved. an inclusion of the expected MAF is important for interpretation in the tables. The discussion section is a little long, some structuring of this and potentially the inclusion of a summary table/figure would help reduce the content and better convey the overall findings and interactions of the identified SNPs and genes.

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.

I am able to assess the statistics

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

Acceptable

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