Reviewer’s report

Title: Associations between XRCC3 Thr241Met polymorphisms and breast cancer risk: Systematic-review and meta-analysis of 55 case-control studies

Version: 0 Date: 26 Mar 2019

Reviewer: Teguh Haryo Sasongko

Reviewer’s report:

This is a well-written systematic review by the authors Dashti et al that assessed the association of XRCC3 Thr241Met with breast cancer. There are a few minor editing that would improve clarity:

1. Conclusion shown in the abstract should tally with that shown in the conclusion section of the text.

2. Is there publication time restriction on searching?

3. How were the classification determined? NOS is using star scoring system (eg. how many stars for good, fair and poor?). This can then be mentioned in Tables 1 and 2 if a study is considered good or fair or poor.

4. In the methodology section, information on publication bias analysis should be in a separate sub-section.

5. It should be "grey literature", not "gray literature".

6. The term used is usually "study or studies", not "research or researches" to refer to the articles included/excluded.

7. PRISMA Flowchart: There are 3731 records remained after duplicates removed. How were these screened to come down to 287? How, then, 187 records were removed? Title/Abstract screening?

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:

Needs some language corrections before being published

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