Reviewer's report

Title: Hereditary breast cancer: Ever more pieces to the polygenic puzzle

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Reviewer: Satish Gupta

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This is an interesting review on the role of several susceptibility genes with a varied risk on hereditary breast cancer risk. These genes are well represented in different categories from high to low penetrance risk and described efficiently. Since GWAS are more popular and efficient technology trusted to detect risk alleles in different cancer, the coverage from the big consortium studies is very meaningful and helpful in further research.

I would suggest discussing the population risk of these breast cancer susceptibility genes with different ethnic groups and races. It would provide stronger evidence to perform gene based experiments in different populations.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests