Reviewer’s report

Title: Ten modifiers of BRCA1 penetrance validated in a Norwegian series

Version: 1 Date: 17 March 2015

Reviewer: Michelle Wong-Brown

Reviewer’s report:

Minor essential revisions:

Intro:

Paragraph 3, 2nd sentence - Sentence structure needs to be changed, do not understand what the reasons are

Paragraph 3, last sentence - Sentence structure needs to be changed

Discussion:

Paragraph 1 - Is there a different statistical test for small sample size to test for complex interaction? According to the methods, power calculation had been performed to determine sample number, so why is the sample size now too small to detect this interaction?

Paragraph 2 - "Most of the mutation carriers...." A percentage value may be more informative

How does having 2 mutations/SNPs affect RR and OR?

Paragraph 4 - Typo 'to'

Paragraph 5 - Typo 'based'

Conclusion:

"Do not know which of the associations are valid". Does this mean that the study has not confirm validity as claimed in the title? The title may have to be changed if this is the case.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
I declare that I have no competing interests