Reviewer's report

Title: A Multi-Institutional Study of the Prevalence of BRCA1 and BRCA2 Large Genomic Rearrangements in Familial Breast Cancer Patients

Version: 3 Date: 2 July 2014

Reviewer: Nancy Uhrhammer

Reviewer's report:

Major compulsory revisions: none

Minor essential revisions:
1. The description of the exon 11-13 deletion is very confusing. It seems to say that the 3' breakpoint is in intron 12 - which would not result in the deletion of exon 13. Is this just a typing error (line 20 on p 8)?
2. the nomenclatures presented in Table 1 are incomplete.

Discretionary revisions:
3. lines 16 & 17 p9 state that recurrent LGRs are less likely in the Korean population. With only three LGRs identified, there is little to support this supposition. Perhaps once a dozen have been seen, there will be something to say on the diversity of LGRs in this population.
4. The conclusion meerly duplicates the last line of the discussion
5. Figure 1 is not necessary.

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

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.