Reviewer's report

Title: Evidence against PALB2 involvement in Icelandic Breast Cancer Susceptibility

Version: 1 Date: 8 May 2008

Reviewer number: 2

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The aim of the study was to find out whether the PALB2 gene has a role in breast cancer susceptibility in Iceland. The study is limited to linkage and the Finnish 1592delT founder mutation analysis in order to test whether PALB2 would be a highly penetrant gene in Island.

So far, PALB2 has not been a high-penetrant gene in any population studied and therefore the original hypothesis is a bit constrained.

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.