Reviewer's report

Title: CHEK2 1100delC is prevalent in Swedish early onset familial breast cancer, a case control study

Version: 1 Date: 19 April 2007

Reviewer: Kathleen Claes

Reviewer's report:

General
In this manuscript Margolin et al. performed a detailed study on the CHEK2 1100delC variant in a clinically well characterised Swedish breast cancer population and controls. The paper is well written and conclusions are clear and in agreement with previous studies in other populations.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

For the population-based cohort only BRCA1 exon 11 was screened. What is the estimated percentage of mutations that is excluded?

The authors state that in family 929 the CHEK2 mutation does not segregate with the disease in the family. However, the variant was inherited from the father. How much is known about the family history of the paternal site of the family?

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Discretionary Revisions (which the author can choose to ignore)

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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