Reviewer's report

**Title:** B7-H4 gene polymorphisms are associated with sporadic breast cancer in a Chinese Han population

**Version:** 2  **Date:** 18 September 2009

**Reviewer:** Rulla May Tamimi

**Reviewer's report:**

Major Compulsory Revisions:
None

Minor Essential Revisions:
None

Discretionary Revisions:
The authors have made significant improvements to the manuscript and have addressed all of the major concerns. Two minor issues remain:

1. Although in the response to the Reviewer’s comment, the authors have indicated that they included 10% of replicate samples as QCs for genotyping and that they had high (?) validity/reliability. I would suggest that the Reviewers add a sentence to the methods letting readers know this also and indicating the exact concordance of replicates.

2. The question regarding matching in the analysis is in reference to the regression analysis. Was conditional logistic regression done to take the matching into account? Or was logistic regression adjusted for the matching factors done? Based on the authors response it appears that matching was only done on age and it is likely that this will not influence changes in the results. The authors should at least indicate that an analysis that took the matching into account (i.e., adjusted for age) did not alter the results.

**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.