Reviewer's report

Title: Polymorphism of Estrogen Receptor-Beta Gene in Iranian women with Breast Cancer

Version: 1 Date: 22 February 2010

Reviewer: Elzbieta Skasko

Reviewer's report:

Review of the manuscript: „Polymorphism of estrogen Receptor-Beta Gene in Iranian women with breast cancer”.

1. Is the question posed by the authors well defined?
   Yes

2. Are the methods appropriate and well described?
   Yes.

3. Are the data sound?
   No.

4. Does the manuscript adhere to the relevant standards for reporting and data deposition?
   No. The results are sloppily described. There are mistakes in the described results; mistakes in the codon number of the described polymorphisms. The manuscript doesn’t adhere to the experimental study standards. Missing the tables 3,4,5 (perhaps it wasn’t attached to the manuscript by the BMC Office).

5. Are the discussion and conclusions well balanced and adequately supported by the data?
   The discussion is to meagre (insufficient), there is no data from literature, regarding the effect of ER-alpha, ER-beta polymorphisms on the breast cancer’s risk.

6. Are the limitations of the work clearly stated?
   Yes.

7. Do the authors clearly acknowledge any work upon they are building, both published and unpublished?
   No. The authors do not discuss or acknowledge papers available in this subject, for example:
   Oestrogen receptor (ER beta) polymorphism and its influence on breast cancer risk.
   Surekha D, Sailaja K, Rao DN, Raghunadharao D, Vishnupriya S.


8. Do the title and abstract accurately convey what has been found?
Yes.

9. Is the writing acceptable?
Yes.

**Level of interest:** An article of insufficient interest to warrant publication in a scientific/medical journal

**Quality of written English:** Acceptable

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

**Declaration of competing interests:**

I have no competing interests.