Reviewer's report

Title: TP53 p.R337H prevalence in a series of Brazilian hereditary breast cancer families

Version: 2

Date: 9 February 2014

Reviewer: Patricia Ashton-Prolla

Reviewer's report:

There are still a few changes that should be made to the final text:

(1) genes should be all in italic

(2) In the ABSTRACT, suggest to modify the following sentence as below:
"Results: Two of the breast cancer cases (7.4%) and none of the controls carried the TP53 p.R337H mutation. At the time of the investigation, both cases fulfilled testing criteria for Hereditary Breast and Ovary Cancer Syndrome but not Li-Fraumeni or Li-Fraumeni-like Syndrome, based on genetic testing criteria of NCCN Clinical Practice Guidelines in Oncology (v.1.2010)".

(3) In the INTRODUCTION:
Suggest to modify the following sentence as follows:
"(...) This mutation has been identified in >90% of Brazilian patients with childhood adrenocortical carcinoma (...)".

(4) In the CONCLUSION section:
The sentence "Our study shows that TP53 p.R337H mutation prevalence in breast cancer patients suspected of Hereditary Breast and Ovary Cancer Syndrome in Ribeirão Preto, São Paulo, Brazil is high (7.1%) " (...) needs to be corrected as noted (7.1% and not 71%)

Level of interest: An article of importance in its field

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.