Reviewer's report

Title: A Polymorphism in the Base Excision Repair Gene PARP2 is Associated With Differential Prognosis by Chemotherapy among Breast Cancer Patients

Version: 2 Date: 15 July 2015

Reviewer: Renata Cozzi

Reviewer's report:

This manuscript has the undoubted merit to systematically present a large amount of data. Furthermore statistical analyses are well described. However it would be better to soften the conclusions and to discuss more thoroughly the possible involvement of PARP2 SNP in protein function also reporting literature data (page 11 lines 298-303).

Minor comments
Page 5 line 156: it is hazardous to deal with “tumour elimination”
Figure 1: in the last box of "patients excluded" what does it mean “previous non-tumour”?

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'