Reviewer’s report

Title: Screening of exon 11 for BRCA1 using the High Resolution melting for diagnostic in Moroccan breast cancer patients

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Reviewer: Emilia Wiechec

Reviewer’s report:

This manuscript by El Khachibi M et al. describes a new way to screen for BRCA1 mutations using HRM technique in Moroccan breast cancer patients. The authors aim to develop HRM-based platform, which is relatively sensitive, fast and cost-effective. This study uses technically sound method, however the study is not novel.

Minor points:
1) The authors state that the method is highly sensitive but do not support this statement; what was the lowest amount of DNA necessary for the analysis?
2) Figure 1 has no meaning in regard to the presented results
3) How many patients out of 71 screened showed mutations? only 2?
4) The authors state that the results were validated with SNaPshot analysis, which is not mentioned anywhere apart from the abstract and no results is shown.
5) It would be good to have more information about the patients chosen for the study
6) English grammar should be corrected in few places.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

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