Reviewer's report

Title: Expression of centromere protein F (CENP-F) associated with higher FDG uptake on PET/CT, detected by cDNA microarray, predicts high-risk patients with primary breast cancer

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Reviewer: Emmanuelle Jauffret

Reviewer's report:

Major Compulsory Revisions: NO

I really do think that SUV can really be an interesting setting, but mainly to predict response to chemotherapy in neoadjuvant chemotherapy rather than in adjuvant setting. Anyway, authors reported here an other prognostic factor in breast cancer, that seemed to be independant from others. as CENP-F is significantly correlated with DFS in uni-and multivariate analysis. I'm really surprised that in the population authors used, ER status is not significantly correlated with DFS nor OS.

Minor Essential Revisions: we need to know cut-off for Ki67 (threshold at 0 makes no sense)

If the purpose is to find another new prognostic marker, it should be also compare to other markers: were the prognostic groups defined by authors compared with molecular classification?

authors said that there is no significant correlation between SUV and molecular subtypes even if basal, HER-2 and Normal displayed high SUV, it should be interesting to be able to know if there is a prognostic impact of SUV in different subtypes

In particular, how are the luminal A that are SUV or CENP-F positive?

Level of interest: An article of limited interest

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