Reviewer's report

Title: Tight correlation between expression of the Forkhead transcription factor FOXM1 and HER2 in human breast cancer

Version: 1 Date: 13 December 2007

Reviewer: Mong Hong Lee

Reviewer's report:

minor essential revisions

Bektas et al. describe in their title the 'tight correlation of FoxM1 to Her2 overexpression in human breast cancer'. The expression data at the protein and mRNA level in paired clinical breast cancer samples and breast cancer cell lines is very important. A good correlation between FoxM1 and Her2 expression was presented in Table 1 and the significance value (p<0.045) looks good. It would be great to have mechanistic data to support this correlation. In summary, I found this study is interesting and important and support its publication in BMC cancer. However, I would like the authors to address a question:

Figure 4: The two curves present here look OK but the p value of 0.110 is not of high enough significance to be relevant. I feel that the authors have shown that FOXM1 overexpression occurs in breast cancer, but if the p value is correct, whether FoxM1 over expression leads to poor survival prognosis is questionable.

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests