Reviewer's report

Title: Differential Expression of Cancer Associated Proteins in Breast Milk Based on Age at First Full Term Pregnancy

Version: 2 Date: 2 February 2012

Reviewer: Dana Bovbjerg

Reviewer's report:

The authors have been quite responsive to the previous review, but one substantial concern needs to be addressed.

There is no compelling rationale for the current three groups (Table 2) of women based on age at first full term pregnancy (FFTP). The cited reference #2 is not sufficient. Other studies of the risk associated with FFTP have used other cut points and seen similar patterns (e.g., Albrektsen et al 2005). The 3 women who were 35 or older (the oldest being 39) should simply be added to the larger group who were 26-34 and the description of that group changed to >=26. The analyses for Table 2 and Table 3 should then be rerun to include all the women in the sample. Along with that change, Tables 2 and 3 should also be merged. Significant results of the post hoc analyses to compare all pairs of time points of the data can be shown in Table 2 can be indicated by superscripts.

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 have no conflict of interest to declare.