Reviewer's report

Title: Analysis of EGFR, HER2, and TOP2A gene status and chromosomal polysomy in gastric adenocarcinoma from Chinese patients

Version: 2 Date: 30 July 2008

Reviewer: Wei-Ting Hwang

Reviewer's report:

This is a statistical review.

- Major Compulsory Revisions

1. The authors had provided additional information regarding their sample and it selection in their response letter. Those additional information regarding sample selection should be incorporated into the report. Please also add comment on whether the results would be biased when the patient selected has to have sufficient tumor tissues available for 20 slides.

2. It appears that the issue of multiple comparisons is not yet addressed. For example, using a Bonferroni adjustment, the p-value that to be considered statistically significant will be the regular 0.05 alpha level divided by the total number of tests.

- Minor Essential Revisions

1. It would be more appropriate to replace “difference” in the footnotes for Table 1 with “association”.

2. Sample size and power consideration: some kind of ad-hoc power consideration can be presented.

- Discretionary Revisions

None

Level of interest: An article of importance in its field

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

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

Declaration of competing interests:

I declare that I have no competing interests