Reviewer’s report

Title: K-ras Mutation Analysis in Ovarian Samples Using a High Sensitivity Biochip Assay

Version: 1 Date: 25 December 2008

Reviewer: Kentaro Nakayama

Reviewer’s report:

The work seemed to be undertaken very smoothly. The methodology was well described and the limitation of work is also stated clearly. The data also seemed to be sound. The discussion was written synchronously.

Some of the points that need to be addressed are stated as bellows:

Discretionary comments:
1. Some of the references seems to be very old whereas no mention about the most recent publication on K-ras mutational status. The author can collect information and cite the following article:


2. There is no explanation for the possible reason of more K-ras mutation in younger patient as stated in page 8.

3. As K-ras mutation is important for mucinous tumor, the author could also compare the grade of mucinous tumor and its relation with K-ras mutation.

4. In page 9, how the result of K-ras mutation supports two separate pathways of development of HGSC and LGSC not clearly explained.

5. In page 10, the author claimed to support K-ras mutation as an early event in malignant tumor process from the result of only one patient with recurrent and primary sample.

The result could be more reliable if they could include more samples.

Minor Points:

English should be more acceptable.

Level of interest: An article of limited interest
Quality of written English: Needs some language corrections before being published

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