Reviewer’s report

Title: No significant role for beta tubulin mutations and mismatch repair defects in ovarian cancer resistance to paclitaxel/cisplatin

Version: 2 Date: 25 July 2005

Reviewer: Michael Kelley

Reviewer’s report:

General

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

The authors have addressed my concerns regarding MSI.

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

The authors have addressed my concerns though it is still possible their internal primers amplify pseudogenes. However, given their statement that PCR products were visible after first round amplification, this is unlikely.

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Discretionary Revisions (which the author can choose to ignore)

Figure 1 showing PCR products resulting from PCR using primers from within the coding region does not demonstrate that pseudogenes were not amplified. The authors could demonstrate this by performing PCR using these primers using human genomic DNA as template.

What next?: Accept without revision

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

I declare that I have no competing interests.