Reviewer's report

Title: siRNA Inhibition of Telomerase Enhances the Anti-Cancer Effect of Doxorubicin in Breast Cancer Cells

Version: 2 Date: 29 January 2009

Reviewer: Lynne Elmore

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Major Compulsory Revisions:
• The authors need to justify the inclusion of hTERT histochemical staining and the results (Figure 2E, left and right panels). One would not expect the si-RNA construct still to be present in xenografts weeks after transfection. MCF-7 cells express abundant telomerase activity. So, why is there only sporadic, very intensely stained “h-TERT”? Were controls included in these studies to assure hTERT staining is specific? These data are confusing and as presented they detract from the other high quality data.

Minor Essential Revisions:
• There are still places throughout the manuscript that require some minor editorial assistance.

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

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

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.