Reviewer’s report

Title: Comprehensive analyses of imprinted differentially methylated regions reveal epigenetic and genetic characteristics in hepatoblastoma.

Version: 4 Date: 29 October 2013

Reviewer: Wendy N Cooper

Reviewer’s report:

This article by Rumbajan et al describes an analysis of a large number of imprinted DMR in a modest cohort of hepatoblastoma samples. A number of loci were identified with higher than expected frequencies of alteration in methylation level whereas others were resistant to change. This revised version satisfactorily addresses my previous concerns.

Major Compulsory Revisions
None

Minor Essential Revisions
None

Discretionary Revisions
None

Minor issues not for publication

Abstract Background:

“Aberrant methylation at imprinted DMRs in humans 11p15.5 has been reported in many tumours including hepatoblastoma” – does not make sense, removal of the s from humans would make sense, alternatively removal of “in humans” would be more concise and just as clear.

Figure 4:
The error bars seem to have been slightly shifted so that they are not coincident with the dots to which they refer

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

Quality of written English: Acceptable

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