Reviewer's report

Title: Differential CARM1 Expression in Prostate and Colorectal Cancers

Version: 2 Date: 19 February 2010

Reviewer: Laurence Vandel

Reviewer's report:

The revised manuscript has addressed in a satisfactory way most of the points raised.

However, the point below was not well interpreted and has therefore not been addressed:

"On fig2A-B CARM1 expression assessed by RT-PCR and immunoblotting in various cell lines does not always fit and these discrepancies are not mentioned and or discussed. This aspect should be added and discussed in the paper."

This comment was concerning the differences observed between RNA and protein levels. For example, in 231 cells, there is a high protein level of CARM1 and a low rate of mRNA whereas in PC3 there is a high amount of CARM1 protein that correlates with a high mRNA expression....

In other words, there could be a short paragraph on the role (known or putative in these cells) of CARM1 in the regulation of mRNA (stability/destabilization or splicing) and in the regulation of protein stability. There are a number of papers describing such role now and this aspect would open the discussion.

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