Reviewer's report

**Title:** Differential CARM1 Expression in Prostate and Colorectal Cancers

**Version:** 1 **Date:** 7 January 2010

**Reviewer:** Laurence Vandel

**Reviewer's report:**

The manuscript from Kim et al aims at analyzing the expression level of CARM1 in different cancers as CARM1 had been previously reported to be overexpressed in prostate and breast cancers.

Using mainly TMAs, they showed by IHC that CARM1 is highly overexpressed in colorectal cancers and not significantly overexpressed in breast or prostate cancer. The finding of the involvement of CARM1 in this type of cancer is the novelty of the paper.

The question posed by the authors is well defined, the methods well described and the data sound. Globally the discussion and conclusion support the data.

Minor essential point:

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.

Minor modifications:

English language should be checked, there are typing mistakes left.

Data showing the lack of co-activation of P300 in p53-mediated transcription activation should be shown in the main text or at least in the suppl data and not as data not shown.

**Level of interest:** An article of limited interest

**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 interest