Reviewer's report

Title: LATS2 is De-methylated and Overexpressed in Nasopharyngeal Carcinoma and Predicts Poor Prognosis of the Patients

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Reviewer: Miho Ohsugi

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Minor Essential Revisions

1) Authors should spell out the abbreviation on its first occurrence but NPC is used without spelling out in “Abstract” section.

2) Figure 1D; Authors declare that no specific LATS2 staining was observed in paired normal nasopharyngeal epithelial cells (page 12 and Figure 1D legend). However, there are small but significant numbers of signal-positive cells in the section shown in Figure 1D. Authors should rewrite these sentences or describe the evidence that these signals are non-specific.

3) Page 13; Figures should be referred to in the text in consecutively order.

4) Pages 14 and 18; Although data in Figure 3 strongly suggests the increased de-methylation frequency of LATS2 promotor region in NPC tumore tissues, the result of methylation-specific PCR only is insufficient evidence to conclude that LATS2 is overexpressed due to de-methylation of the promotor region.

5) Figure 5; Concentration of transfected siRNA in each experiment should be described.

6) Authors used scrambled siRNA named NC as a negative controle in siRNA transfection experiments. I suggest authors to use an easily comprehensible term such as scrambled siRNA or control siRNA instead of NC in the text in the result section and figure legends.

Level of interest: An article of importance in its field

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