Reviewer's report

Title: Suppression of thymosin beta10 increases cell migration and metastasis of cholangiocarcinoma

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Reviewer: Byoung-Gie Kim

Reviewer's report:

This manuscript for the role in migration and metastasis of cholangiocarcinoma written by Sirinapa Sribenja et al. is clearly studied and include important results to help understanding the mechanism of metastasis in this cancer.

I have some questions and comments in the manuscript.

1. Authors just described the mechanisms of TB10 in fluke-associated CCA. As I know, there are several other etiology in CCA rather than liver fluke, I have question for this features in metastasis of TB10 in the CCA caused by non-fluke etiology. I think that some explanation or suggestion for this could be described on the Discussion.

2. Authors assessed the effect of metastasis with migration/invasion assay and wound healing assay, I think it needs other confirmatory in vitro test like as MMPs assay...

3. When authors performed in vivo study with nude mice, they used just four mice per group. I want to know whether they usually use small numbers of mice per group or they deleted non-tumor bearing mice in the group.

Level of interest: An article of importance in its field

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' below'