Reviewer's report

Title: Nuclear hBD-1 accumulation in malignant salivary gland tumours

Version: 4 Date: 9 April 2008

Reviewer: Yoshihiro Abiko

Reviewer's report:

Others:

2. line12, 13 in the second page of Discussion.

It is too much speculation to say that hBD-1 might play an important role in the malignant progression of salivary gland tumours.

Please see above. In any case I think that there is evidence for a potential role of hBD-1 as tumour suppressor gene.

I understand that hBD-1 might be a tumor suppressor gene from previous reports.

This article only shows evidence that localization of hBD-1 is shifted from the cytoplasm to the nucleus of the tumour cells in malignant salivary gland tumours.

How could you make this suggestion from only these two pieces of evidences?

If authors would like to say that hBD-1 might play an important role in the malignant progression of salivary gland tumours, authors should at least cite references showing that the protein can be translocated into nuclear when the cells are transformed.

Otherwise, it is too much speculation.