Reviewer's report

Title: Deregulated expression of hnRNP A/B proteins in human non-small cell lung cancer: correlation of protein and mRNA levels in paired tumor /non-tumor tissues

Version: 3 Date: 5 May 2010

Reviewer: Haiming Wei

Reviewer's report:

In this paper, the hnRNP A/B protein and mRNA levels in NSCLC were detected by Western blot and RT-PCR, revealing its potential over-expression in tumor and the different deregulated mechanisms.

But, I think this paper is not so interest and well proved.

First, in the revised manuscript, the author declared in discussion (the 4th paragraph) that hnRNP A1 was over-expression in many other cancers, and meanwhile its diagnosis importance is also down.

Second, the author also explained why the fold change T/N>2 of protein and T/N>1.5 of mRNA were defined as over-expression. Through the author deliberately determined these standards, I think it would be a little contrived to discuss the over-expression level and the deregulated mechanism.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests.