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

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Reviewer: Hiroaki Satoh

Reviewer's report:

(1) The authors reported on 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.

This report is very interesting and well-written, but has two points to be answered.

(2) From a point of correct diagnosis, I do not understand whether the results obtained by Western blotting, immunohistochemical examination, and real time PCR in hnRNP A1 exceeds a pathological diagnosis. I do not understand what kind of new information is added to pathological diagnosis by examination of hnRNP A1. Please explain.

(3) The authors concluded that their results suggest hnRNP A1 as a potential novel biomarker for lung cancer diagnosis. What is the “potential novel biomarker for lung cancer diagnosis”? Please explain the definition. I would like to ask you to explain the role in the clinical usefulness of hnRNP A1.