Reviewer’s report

Title: Blood Test Shows High Accuracy in Detecting Stage I Non-Small Cell Lung Cancer.

Version: 1 Date: 19 Jan 2020

Reviewer: J Lu

Reviewer's report:

The search of this kind is very important and the quality of overall work is excellent. But I do have following suggestions:

My main concerns are about your controls:
You have included cancer types other than NSCLC like breast cancer, pancreatic cancer and colon cancer, and non-cancer types such as smokers, healthy individual and asthma patients etc. I think you missed inclusion of other types of lung cancers in your controls such as small cell carcinoma and metastatic adenocarcinoma to the lung as well as other nodular lung lesions in non-cancer groups.

It is very important to include small cell carcinoma and metastatic adenocarcinoma to the lung in your cancer controls, otherwise, one cannot reach the conclusion of its specificity as claimed for non-small cell lung cancer (NSCLC). Also I think it is important to include some nodular lesions (non-cancer) such as pulmonary Langerhans cell histiocytosis etc. since this would be scenario to be encountered in differential diagnosis for early lung cancer, which is often presenting as a small nodule.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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