Reviewer’s report

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

Version: 1 Date: 15 Jan 2020

Reviewer: Liping Dai

Reviewer's report:

The manuscript titled 'Blood Test Shows High Accuracy in Detecting Stage I Non-Small Cell Lung Cancer' by Cherylle Goebel et al has been revised by the authors according to the reviewer's comments. However, there still are several issues should be addressed clearly for the understanding.

1. The article stated that the LCDT1 model greatly improves accuracy and the LCDT1 algorithm was developed with slight modifications using a smaller subset of biomarkers from the 21 biomarkers. However, the authors did not describe which or how many biomarkers were included in the LCDT1 model. The authors should add some contents about the LCDT1 model.

2. In the page 10 line 14, it is showed 'IL-2 and IL-7 showed greater than a 50% reduction in signal (Supplementary Figure 2). However, in Supplementary Figure 2. I found the median concentration of IL-7 in NSCLC was higher than other three groups, the result in figure and the explanation is inversed. The authors should check it carefully and address it correctly.

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.

Yes

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

Yes

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 am able to assess the statistics
**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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