Reviewer’s report

Title: Patient safety culture in Peking University Cancer Hospital in China: baseline assessment and comparative analysis for quality improvement

Version: 0 Date: 30 Aug 2019

Reviewer: Xiang Chen

Reviewer's report:

The authors performed differential expression and network analysis of gene microarray expression data in 66 samples of rhabdomyosarcoma based on existing bioinformatics tools. Two hub genes CDK1 and CCNB1 were selected as experimental subjects and inferred as potential diagnostic and prognostic biomarkers. This is a routine analysis procedure, and its conclusions have been reported in previous studies. The main comments are as follows:

1. The author needs to review the existing rhabdomyosarcoma related biomarkers in the introduction part to further illustrate the originality of this paper's conclusion.

2. According to the paper, the statistical analysis on page 7 is derived from other tools, such as Limma, KM plotter, and is not performed separately and cannot be described as a separate part.

3. It should be explained how the final 2 hub genes were selected as rhabdomyosarcoma biomarkers.

4. Line 17 on page 5 regroupe-&gt;regroup

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.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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