Reviewer’s report

Title: Knomics-Biota - a system for exploratory analysis of human gut microbiota data

Version: 0 Date: 29 Aug 2018

Reviewer: Shefali Verma

Reviewer's report:

Authors present a useful web based resource for microbiome analyses. The tool seems useful for the community and is easy to use. Though the tool seems very similar to what already exist in terms of what analyses can be done (For example Nephele does similar analyses as well) but interactive visualization addition in this tool is beneficial.

Minor Revisions:

1. One of the ebnfor of cloud based tools and especially web based services would be reproducibility. It would be useful if authors can show an example analyses, how it can be saved in the projects. Can it then be shared and reproduced by others?

2. Are there any costs associated with running the analyses to the user? If so, please discuss. If not, it would be useful to mention the same.

3. Comparison of time and cost to run the analyses using this platform should be discussed.

4. Right now demo lists some pre-loaded results and its analyses. Will new results from future published papers be added automatically and will the website be updated periodically?

5. Authors should discuss on how big of the data can be handled (in terms of size of data that can be loaded).

Level of interest

Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English

Please indicate the quality of language in the manuscript:

Acceptable
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