

Reviewer Report

Title: ASaiM: a Galaxy-based framework to analyze microbiota data

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Reviewer name: Konstantinos Krampis, PhD

Reviewer Comments to Author:

Excellent paper, useful collections of tools, focused approach and well organized with great documentation. Enough background for a software paper, my suggestion would be if you can mention a little more on metagenomics pipelines available on the main Galaxy server, in addition to an example of specialized Galaxy servers for metagenomics - for example the Metaphlan group they have such a specialized server: <https://huttenhower.sph.harvard.edu/galaxy/>In addition I was really excited to see the provenance mentioned. Since the documentation is so extensive (and excellent!), perhaps the authors could add a section on how to save a docker container where data has been processed with their tool (also how to bundle the volumes with the data), so that the whole package can be distributed (and provide analysis provenance), to collaborators, with a publication etc. Overall an excellent paper !

Level of Interest

Please indicate how interesting you found the manuscript: An exceptional article

Quality of Written English

Please indicate the quality of language in the manuscript: Acceptable

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