

Reviewer's report

Title:NCBI BLAST+ integrated into Galaxy

Version:2**Date:**1 May 2015

Reviewer:Stian Soiland-Reyes

Reviewer's report:

The authors has addressed all of my previous revision requests for the manuscript, and hence I have changed my recommendation to "Accept without revision".

The software itself is still unfortunately difficult to configure and use (e.g. with NCBI BlastDB databases), but this is now acknowledged both in documentation and within the manuscript.

The authors have improved the manuscript significantly by including details of the described workflows, which have also been made available in public repositories together with example datasets. I was however unable to independently verify the workflows, as I did not have the required hardware capacity available for the datasets (~50 GB?), and the necessary time for the server setup.

I am also pleased that the manuscript now acknowledges reproducibility challenges for Galaxy BLAST+ workflows, in particular in relation to fluctuating NCBI datasets and software versions. This is a serious concern in our field that is not often recognized.

Level of interest:An article of importance in its field

Quality of written English:Acceptable

Statistical review:No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.

I follow the main author's Twitter account @pjacock.