# **Reviewer Report**

Title: Piggy: A Rapid, Large-Scale Pan-Genome Analysis Tool for Intergenic Regions in Bacteria

Version: Revision 1 Date: 21 Jan 2018

Reviewer name: Franz Baumdicker

## **Reviewer Comments to Author:**

he revised manuscript has addressed all major points and I recommend to accept it for publication.

In particular, the authors have added significant parts on the examination of clustering performance and the linkage between genes and IGRs. In addition, a further dataset (S. aureus) has been added to the analysis. Regarding the usage of different clusterings with different values for --len\_id or --nuc\_id, I understand that a fair comparison with Roary can only be done with a very low --len\_id. Nonetheless, there will always be an optimal value for --len\_id that minimizes a corresponding error. Since you had two very different situations/errors you needed to use two different parameters. The authors have added more details to the paragraph on parameter settings, such that this point is now well explained.

Congratulations on the nice work you have done.

# 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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