Reviewer Report

Title: Karyon: a computational framework for the diagnosis of hybrids, aneuploids, and other non-standard architectures in genome assemblies.

Version: Revision 2    Date: 5/17/2022

Reviewer name: Kamil S. Jaron

Reviewer Comments to Author:

In the revised work, the important visible changes are in the actual GitHub repository of the presented tool. Authors removed some of the problematic sections for installation of the tool, but not all. I have (again!) tried to 1. run the docker image, which is at least visible, but not functional. 2. I tried to install the tool locally and still faced many issues. I overcame some, but even after one whole working day and a few shorter attempts, I did not manage to run it through on their test dataset. Therefore my first and only major comment remains unresolved. The presented tool is still not easily deployable. Not as a docker image, not via local installation.

The idea is great, I thought it's a rather creative way to attack intra-individual ploidy variation. But I simply can't recommend a non-functional pipeline for publication. I am really sorry about this!

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