

Reviewer Report

Title: Genome of an allotetraploid wild peanut *Arachis monticola*: a de novo assembly

Version: Original Submission **Date: 2/23/2018**

Reviewer name: Manish Kumar Pandey, Ph.D.

Reviewer Comments to Author:

The genome assembly for *Arachis monticola* is very important for *Arachis* species research and therefore peanut research will be highly benefitted by this resource. I have following comments for the authors: 1. Needs proper justification that why *A. monticola* is so important for peanut improvement as this wild relative of cultivated peanut 2. Details on the genotype/accession not provided throughout MS not provided 3. The information provided in the first para of Results section was again repeated in detail in rest of the sections of the Results...looked much text repetitive 4. The major problem with this MS is that this MS appears totally descriptive in nature and no scientific advancement been provided to the available understanding/knowledge 5. Sequencing genome is not just enough for publications..until unless it makes some sense for the research community 6. The MS in present form does not add value to much for peanut research community except providing genome assembly of *A. monticola* for research 7. Authors are suggested to include some evolutionary, origin and domestication related analysis and results for improving this MS

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: Needs some language corrections before being published

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