

Reviewer Report

Title: Vulcan: Improved long-read mapping and structural variant calling via dual-mode alignment

Version: Revision 1 **Date:** 8/17/2021

Reviewer name: Arang Rhie

Reviewer Comments to Author:

The authors have addressed most of my concerns. Below are a few very minor things I believe went through uncaught.

1. Correct spit reads -> split reads in the newly added sentence: "The soft clipping also takes place at spit reads that are indicative for SV and thus often form at breakpoints of SV."
2. The sub-heading, "Vulcan Accelerates Long-read Mapping for SV Calling", uses "SV Calling". I'd suggest making this consistent with the rest of the subheadings.

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