Reviewer Report

Title: A recurrence based approach for validating structural variation using long-read sequencing technology

Version: Revision 1 Date: 6/18/2017

Reviewer name: Benedict Paten

Reviewer Comments to Author:

Thanks for the revision. I am mostly happy with the revision, and appreciate that the authors have improved the readability of the manuscript. However, I remain concern that the methods section is too obfuscated and complex. Firstly, while I accept the authors assertion that "recurrence matrix" is the general mathematical term, I'd appreciate the authors including "dot" plot in the methods section. I think the target audience here will appreciate that change. Secondly, and much more importantly, the section titled "Small Variants Assessment" still defines variables with subscripts that are not defined. What is i, k and s? Not trying to be difficult, but I want the method to be crystal clear!

Level of Interest

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Quality of Written English

Please indicate the quality of language in the manuscript: Needs some language corrections before being published

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