

## Reviewer Report

**Title:** GuideMaker: Software to design CRISPR-Cas guide RNA pools in non-model genomes

**Version:** Revision 1      **Date:** 11/4/2021

**Reviewer name:** Kornel Labun

### Reviewer Comments to Author:

My comments were mostly addressed. However, maybe you intended to remove mentions of Cas13, but in the current version it still stands out. Page 3/line 66

It is hard for me to believe that edit distance search for off-targets is equal to the hamming distance. This might be true for very small bacterial genomes, but for larger genomes (eg. human/mouse) this probably can't hold. It could also be that your implementation of the edit distance calculation for the guides could be flawed and therefore not reflecting the actuality. Consider adding tests for that "leven" option.

No further remarks.

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