

Reviewer Report

Title: Chiron: Translating nanopore raw signal directly into nucleotide sequence using deep learning

Version: Revision 1 **Date:** 15 Feb 2018

Reviewer name: Ryan Wick

Reviewer Comments to Author:

My previous comments have all been addressed. In particular, I was happy to see the added assembly-level sequence analysis.

My only remaining suggestion would be to further emphasise the fact that Chiron outperforms Albacore on consensus accuracy. I think this is one of the most interesting results in the paper, but it is not mentioned in either the abstract or conclusion.

I thank the authors for their work and would encourage them to continue development on Chiron! It's good to see ONT getting some competition from an independently developed basecaller.

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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