

Review of: "A Comparison of Performance for Different SARS-Cov-2 Sequencing Protocols"

Pramod Kumar¹

¹ National Institute of Cancer Prevention and Research

Potential competing interests: No potential competing interests to declare.

The topicality of the manuscript sounds interesting. However, there is a need to improve the manuscript in many aspects as follows:

Methods: the section shall be re-focused, mention the importance of NG50 and why it was considered in genome assembly over the measurements of other relevant parameters such as N50, U50, etc. Incorporate statistical comparison among the NG50 means of the groups. Describe in brief about different ARTIC protocols (2-3 statements of each) and template enrichment by random primers.

Results: summary of the tables shall be mentioned as text in the result section, difference in NG50 values among the groups shall be mentioned with statistical significance in the results section. Tables/figures shall be cited in the text at appropriate.

The discussion section need to be improved as per the observations and supported with citing relevant literature.

Conclusion shall be mentioned after the discussion. The communication in the manuscript shall also need to be improved, it shall be a formal scientific writing throughout the draft.