

Review of: "Comprehensive mapping of SARS-CoV-2 interactions in vivo reveals functional virus-host interactions"

Nerges Mistry, Ambreen Shaikh

Potential competing interests: The author(s) declared that no potential competing interests exist.

Excellent comprehensive and much needed study on interaction mechanisms between SARS CoV-2 and human cells. The findings highlight a novel infection mechanism which will need to be explored more in the future.

The major comments are:

1. Clarification in the text on the number of biological repeats for the structural data gathered.
2. Adding limitations to the study in the Discussion section
3. The interaction with other snoRNA is not mentioned apart from SNORD27. Is there a reason for this singular emphasis
4. Since viral variants evolve rapidly, could the data throw light whether the method of infection also evolves with different variants
5. The significance of the viral interaction with host mitochondrial RNA in terms of clinical symptoms of the viral infection, particularly long term ones like fatigue may enrich the manuscript

Minor comments:

While the study is well written and understandable, some abbreviations in the Result section viz. TRS-L and TRS-B could be explained previously for easy readability