

# Review of: "Emerging Omicron Subvariants EG.5 and BA.2.86: Implications for COVID-19 Immunity and Surveillance"

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Potential competing interests: No potential competing interests to declare.

This work provides an excellent overview of the emergence of the latest COVID-19 variants. I concur with the previous reviewers' feedback and would like to add the following points:

## Writing:

1. Please review the English spelling in some paragraphs, with a particular focus on using precise scientific language.
2. Reduce subjectivity when discussing vaccine efficacy and the pandemic.
3. Replace 'Micron' with 'Omicron' in the 'Dynamics of SARS-CoV-2 Variants' section.
4. There's no need to redefine SARS-CoV-2 in section V, as it was already defined earlier.
5. Avoid repetition of the same information and ideas.

## Additional data needed:

1. Include a summary table highlighting the key mutations of each variant that allow comparison between current and previously circulating variants. Consider including the effectiveness of current vaccines against these variants, along with reported cases of vaccine failure in the literature. This will provide a clearer picture of the current state of vaccine efficacy and offer valuable insights for the development of new vaccines.
2. Add a report on the current geographical spread of these variants.

These additions, beside the ones from other reviewers, could significantly enhance the quality and impact of the paper.

Good luck and best regards,

Rita Jaafar