

I appreciate the authors' careful revisions and detailed responses to the previous comments. The manuscript has been substantially improved, and I am generally satisfied with the revisions. I therefore consider the manuscript suitable for publication after a few minor corrections.

Reply: Thank you for the encouraging comments and positive evaluation of our revised manuscript.

1. Please consider using “cycles” throughout the manuscript instead of alternating between “cyclicality” and “cycles”.

Reply: We have carefully checked the manuscript and revised “cyclicality” to “cycles” to ensure consistent terminology throughout the revised manuscript.

2. Please add “~” before 3.6 Ma and 1.8 Ma where appropriate, because these ages are based on interpolation and therefore represent approximate estimates.

Reply: Thank you for pointing this out. We have added “~” before 3.6 Ma and 1.8 Ma where appropriate to indicate that these ages are interpolated estimates.