

**Editorial Note:** This manuscript has been previously reviewed at another journal that is not operating a transparent peer review scheme. This document only contains reviewer comments and rebuttal letters for versions considered at *Nature Communications*.

REVIEWERS' COMMENTS:

Reviewer #1 (Remarks to the Author):

I previously reviewed this paper and I feel that the authors have effectively addressed all of my queries.

Reviewer #2 (Remarks to the Author):

I appreciate the author's efforts to carefully address the reviewer's concerns. My concerns have been fully addressed. I recommend the publication of this manuscript as is.

Reviewer #3 (Remarks to the Author):

The authors were very receptive to the previous comments and suggestions. This is a well performed study that will be of broad interest. All conclusions are well supported by the available data. I highly recommend publication in *Nature Communications*.