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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*. Mentions of prior referee reports have been redacted.

Reviewers' Comments:

Reviewer #1:

Remarks to the Author:

The authors addressed all my comments upon revision. Relevant details on the experimental and theoretical studies are now provided. The outlooks section is also extended, which makes the impact of the manuscript easier to understand. I do recommend the manuscript for publication in *Nature Communications*.

Reviewer #2:

None

The reviewer did not raise any issues.