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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 .

REVIEWERS' COMMENTS

Reviewer #4 (Remarks to the Author):

The authors have responded to the comments and modified the manuscript accordingly. Since the data shown to prove the identification of novel enzymes preferentially hydrolyzing crystalline PET are still limited in my opinion, this finding will certainly be the subject of further investigation as also suggested in the authors' reply. The authors remarked that they purposely placed the interpretation of these results in the Discussion section ("Also, we note that most of the "interpretation" is in the Discussion section, which is completely separated (intentionally) from the Results").

The revised manuscript provides interesting and new information on the diversity of PET hydrolases and is recommended for publication.