

CORRECTION

Open Access



# Correction: A high-throughput dual system to screen polyphosphate kinase mutants for efficient ATP regeneration in L-theanine biocatalysis

Hui Gao<sup>1</sup>, Mengxuan Li<sup>1</sup>, Qing Wang<sup>1</sup>, Tingting Liu<sup>2</sup>, Xian Zhang<sup>1</sup>, Taowei Yang<sup>1</sup>, Meijuan Xu<sup>1\*</sup> and Zhiming Rao<sup>1</sup>

**Correction: Biotechnology for Biofuels and Bioproducts (2023) 16:122**  
<https://doi.org/10.1186/s13068-023-02361-9>

Following publication of the original article [1], it came to the attention of the authors that the sequence of PPK12 was previously reported in an earlier publication [2] and registered under the UniProt ID: A0A3D5XRJ5. The sequence of EbPPK from this manuscript was registered under the Genbank ID: HCY06753.1. The protein sequence is of the same strain origin (*Erysipelotrichaceae bacterium*). However, ChPPK is the focus of research in this article and not EbPPK. The authors apologize for not being aware of the previous publication and have now cited the previous publication reporting the sequence [2] in the article. They have also cited [2] in the Results and Discussion section in relation to the fact that that EbPPK

is better than ChPPK at regenerating ATP from AMP, which was reported by [2] previously.

The authors also state that the correction does not affect the discussion or conclusions and that they sincerely apologize for the unintentional errors.

The original article has been corrected.

Published online: 15 September 2023

## References

1. Gao H, Li M, Wang Q, Liu T, Zhang X, Yang T, Xu M, Rao Z. A high-throughput dual system to screen polyphosphate kinase mutants for efficient ATP regeneration in L-theanine biocatalysis. *Biotechnol Biofuels*. 2023;16:122.
2. Tavanti M, Hosford J, Lloyd RC, Brown MJB. ATP regeneration by a single polyphosphate kinase powers multigram-scale aldehyde synthesis in vitro. *Green Chem*. 2021;23(2):828–37. <https://doi.org/10.1039/D0GC03830J>.

## Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original article can be found online at <https://doi.org/10.1186/s13068-023-02361-9>.

\*Correspondence:

Meijuan Xu

xumeijuan@jiangnan.edu.cn

<sup>1</sup> The Key Laboratory of Industrial Biotechnology, Ministry of Education, School of Biotechnology, Jiangnan University, 1800 Lihu Road, Wuxi 214122, Jiangsu, China

<sup>2</sup> Yantai Shinho Enterprise Foods Co., Ltd., Yantai 265503, China



© The Author(s) 2023. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.