



Deposited via The University of York.

White Rose Research Online URL for this paper:

<https://eprints.whiterose.ac.uk/id/eprint/187731/>

Version: Accepted Version

Article:

Liao, Baosheng, Shen, Xiaofeng, Xiang, Li et al. (2022) Allele-aware chromosome-level genome assembly of *Artemisia annua* reveals the correlation between ADS expansion and artemisinin yield. *Molecular plant*. pp. 1310-1328. ISSN: 1674-2052

<https://doi.org/10.1016/j.molp.2022.05.013>

Reuse

This article is distributed under the terms of the Creative Commons Attribution-NonCommercial-NoDerivs (CC BY-NC-ND) licence. This licence only allows you to download this work and share it with others as long as you credit the authors, but you can't change the article in any way or use it commercially. More information and the full terms of the licence here: <https://creativecommons.org/licenses/>

Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.

Journal Pre-proof

Allele-aware chromosome-level genome assembly of *Artemisia annua* reveals the correlation between ADS expansion and artemisinin yield

Baosheng Liao, Xiaofeng Shen, Li Xiang, Shuai Guo, Shiyu Chen, Ying Meng, Yu Liang, Dandan Ding, Junqi Bai, Dong Zhang, Tomasz Czechowski, Yi Li, Hui Yao, Tingyu Ma, Caroline Howard, Chao Sun, Haitao Liu, Jiushi Liu, Jin Pei, Jihai Gao, Jigang Wang, Xiaohui Qiu, Zhihai Huang, Hongyi Li, Ling Yuan, Jianhe Wei, Ian Graham, Jiang Xu, Boli Zhang, Shilin Chen

PII: S1674-2052(22)00180-0

DOI: <https://doi.org/10.1016/j.molp.2022.05.013>

Reference: MOLP 1368

To appear in: *MOLECULAR PLANT*

Received Date: 5 July 2021

Revised Date: 25 March 2022

Accepted Date: 27 May 2022

Please cite this article as: Liao B., Shen X., Xiang L., Guo S., Chen S., Meng Y., Liang Y., Ding D., Bai J., Zhang D., Czechowski T., Li Y., Yao H., Ma T., Howard C., Sun C., Liu H., Liu J., Pei J., Gao J., Wang J., Qiu X., Huang Z., Li H., Yuan L., Wei J., Graham I., Xu J., Zhang B., and Chen S. (2022). Allele-aware chromosome-level genome assembly of *Artemisia annua* reveals the correlation between ADS expansion and artemisinin yield. Mol. Plant. doi: <https://doi.org/10.1016/j.molp.2022.05.013>.

This is a PDF file of an article that has undergone enhancements after acceptance, such as the addition of a cover page and metadata, and formatting for readability, but it is not yet the definitive version of record. This version will undergo additional copyediting, typesetting and review before it is published in its final form, but we are providing this version to give early visibility of the article. Please note that, during the production process, errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

© 2022 The Author

