



OPEN ACCESS

EDITED AND REVIEWED BY
Christoph Oberprieler,
University of Regensburg, Germany

*CORRESPONDENCE
Martin A. Lysak
martin.lysak@ceitec.muni.cz;
lysak@sci.muni.cz

SPECIALTY SECTION

This article was submitted to
Plant Systematics and Evolution,
a section of the journal
Frontiers in Plant Science

RECEIVED 27 September 2022

ACCEPTED 04 October 2022

PUBLISHED 25 October 2022

CITATION

Dogan M, Pouch M, Mandáková T,
Hloušková P, Guo X, Winter P,
Chumová Z, Van Niekerk A,
Mummenhoff K, Al-Shehbaz IA,
Mucina L and Lysak MA (2022)

Corrigendum: Evolution of
tandem repeats is mirroring
post-polyploid cladogenesis in
Helophilus (Brassicaceae).

Front. Plant Sci. 13:1054800.
doi: 10.3389/fpls.2022.1054800

COPYRIGHT

© 2022 Dogan, Pouch, Mandáková,
Hloušková, Guo, Winter, Chumová,
Van Niekerk, Mummenhoff, Al-Shehbaz,
Mucina and Lysak. This is an open-
access article distributed under the
terms of the Creative Commons
Attribution License (CC BY). The use,
distribution or reproduction in other
forums is permitted, provided the
original author(s) and the copyright
owner(s) are credited and that the
original publication in this journal is
cited, in accordance with accepted
academic practice. No use,
distribution or reproduction is
permitted which does not comply with
these terms.

Corrigendum: Evolution of tandem repeats is mirroring post-polyploid cladogenesis in *Helophilus* (Brassicaceae)

Mert Dogan^{1,2}, Milan Pouch^{1,2}, Terezie Mandáková^{1,3},
Petra Hloušková¹, Xinyi Guo¹, Pieter Winter⁴,
Zuzana Chumová⁵, Adriaan Van Niekerk⁶,
Klaus Mummenhoff⁷, Ihsan A. Al-Shehbaz⁸, Ladislav Mucina^{6,9}
and Martin A. Lysak^{1,2*}

¹CEITEC, Masaryk University, Brno, Czechia, ²NCBR, Faculty of Science, Masaryk University, Brno, Czechia, ³Department of Experimental Biology, Faculty of Science, Masaryk University, Brno, Czechia, ⁴South African National Biodiversity Institute (SANBI), Kirstenbosch, Cape Town, South Africa, ⁵Institute of Botany, Czech Academy of Sciences, Průhonice, Czechia, ⁶Department of Geography & Environmental Studies, Stellenbosch University, Stellenbosch, South Africa, ⁷Department of Biology, Botany, Osnabrück University, Osnabrück, Germany, ⁸Missouri Botanical Garden, St. Louis, MO, United States, ⁹Harry Butler Institute, Murdoch University, Perth, WA, Australia

KEYWORDS

repetitive DNA, repeatome, whole-genome duplication (WGD), rDNA ITS, plastome phylogeny, Cruciferae, Cape flora, South Africa

A Corrigendum on

Evolution of tandem repeats is mirroring post-polyploid cladogenesis in *Helophilus* (Brassicaceae)

By Dogan M, Pouch M, Mandáková T, Hloušková P, Guo X, Winter P, Chumová Z, Van Niekerk A, Mummenhoff K, Al-Shehbaz IA, Mucina L and Lysak MA (2021) doi: 10.3389/fpls.2020.607893

Error in Figure/Table

In the published article, there was an error in Figure 6 as published. The *in situ* localization of HeAre-Gypsy in *Helophilus arenaria* was erroneously duplicated and presented as localization of HeVar-Chromo in *H. variabilis*. The corrected Figure 6 and its caption appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

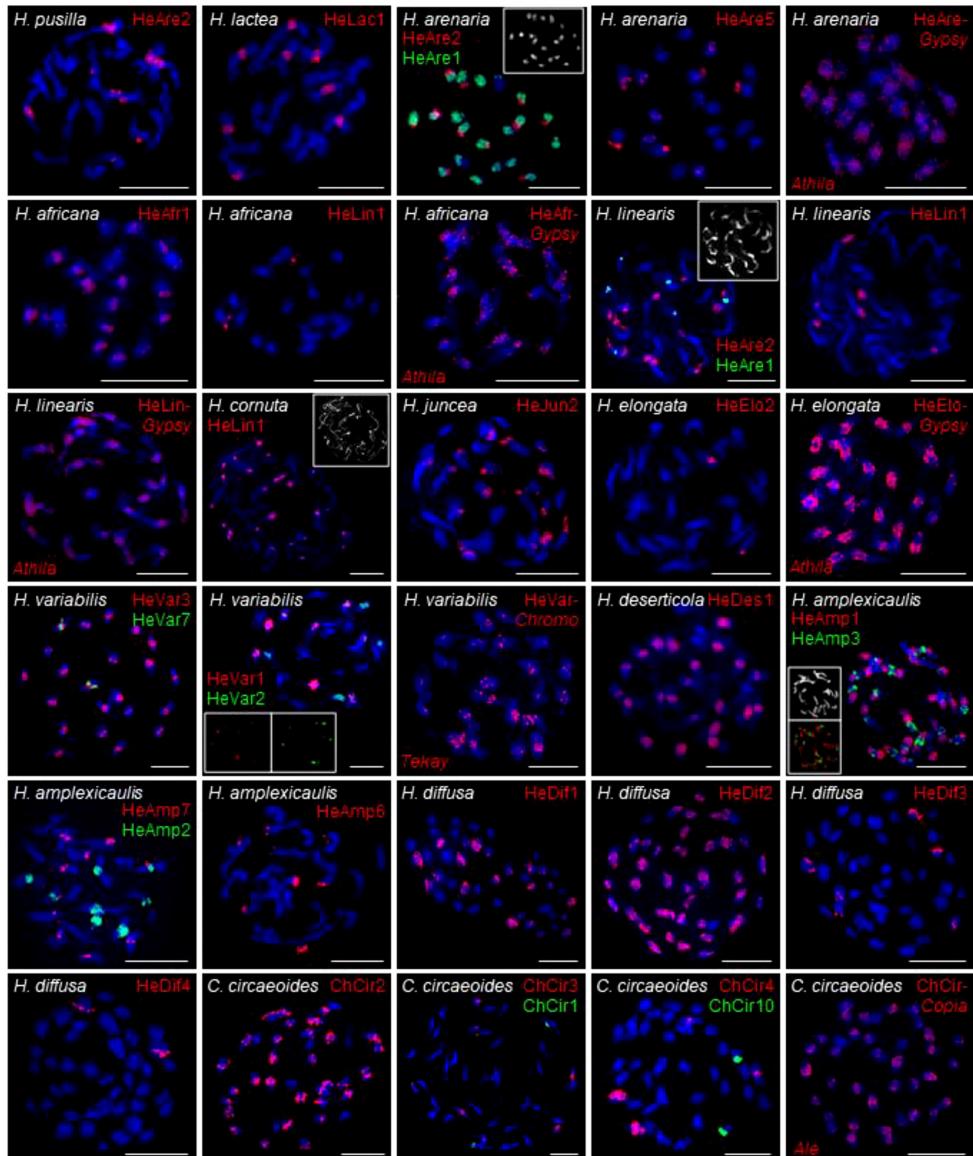


FIGURE 6

FISH localization of the selected tandem repeats and retroelements on mitotic metaphase chromosomes of *Heliophila* species and *C. ciraeoides*. Chromosomes were counterstained by DAPI; FISH signals are shown in color as indicated. Detailed information on the localized repeats is provided in Supplementary Table 6. Scale bars, 10 μ m.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated

organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.