Correction to: Genetic mapping of the *labile* (*lab*) gene: a recessive locus causing irregular spikelet fertility in *labile*-barley (*Hordeum vulgare* convar. *labile*)

Helmy M. Youssef^{1,2,3} · Ravi Koppolu² · Twan Rutten² · Viktor Korzun⁴ · Patrick Schweizer² · Thorsten Schnurbusch^{1,2}

Published online: 21 July 2020

© Springer-Verlag GmbH Germany, part of Springer Nature 2020

Correction to:

Theoretical and Applied Genetics (2014) 127:1123–1131
<https://doi.org/10.1007/s00122-014-2284-0>

While continuing our quest towards the identification of the *labile* (*lab*) locus in barley, we discovered that the previously assigned map location on the long arm of chromosome 5H was wrong. After reevaluating the map location for the *lab* locus in previous F2s of the cross between HOR2573 (a carrier of the *lab* locus) × Morex by the first author of the study, Helmy M. Youssef, it turned out that the original result was due to wrongly allocated phenotyping scores. Later, Rajaraman et al. confirmed the new map position in majorly homozygous recombinant inbred lines (RIL, F6) of the same cross. Any mapping information for the Shima-bara × HOR5465 could not be retrieved and verified.

In the end, we therefore would like to express our sincerest apologies to the community for such a dire flaw and hope that no one experienced any inconvenience while relying on our erroneously published map data. The correct map location of the *lab* locus is on chromosome 2H. Further details

can now be found here under a citable link by Rajaraman et al. <https://doi.org/10.6084/m9.figshare.11662437.v3>.

Please cite the latter publication in case you refer to the *lab* locus mapping in the future. All other published data of the paper from 2014, i.e. SEMs and phenotypic descriptions, is correct and thus remained unaffected. All authors have agreed upon the content of the correction note.

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

Patrick Schweizer deceased on 09th March 2018.

The original article can be found online at <https://doi.org/10.1007/s00122-014-2284-0>.

✉ Thorsten Schnurbusch
schnurbusch@ipk-gatersleben.de

¹ Institute of Agricultural and Nutritional Sciences, Faculty of Natural Sciences III, Martin Luther University Halle-Wittenberg, 06120 Halle, Germany

² Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Corrensstr. 3 OT Gatersleben, 06466 Seeland, Germany

³ Faculty of Agriculture, Cairo University, Giza, Egypt

⁴ Cereals Biotechnology, KWS LOCHOW GMBH, 37574 Einbeck, Germany