



CORRECTION^[OPEN]

Calzadilla, P.I., Zhan, J., Sétif, P., Lemaire, C., Solymosi, D., Battchikova, N., Wang, Q., Kirilovsky, D. (2019). The cytochrome *b6f* complex is not involved in cyanobacterial state transitions. *Plant Cell* 31: 911–931.

In this article, we incorrectly cited the results of Vladkova (2016), with the statement “However, changes in this Chl *a* were induced by binding of DBMIB or PQH₂ to the Qo site (Vladkova, 2016).” Vladkova did not study structures in which the DBMIB or PQH were bound in the Qo site, as such structures are not available. We also made an incorrect inference in the subsequent sentence: “Thus, based on our results, the involvement of this Chl *a* molecule in cyanobacterial state transitions is not likely.” As written (with the use of “Thus”) it seems that our conclusion (which is correct from our own work), derives from the result of Vladkova (2016). Omitting “Thus,” or writing “However” instead of “Thus” would have removed this inference, and would be a correct interpretation. We apologize for these errors in citing Vladkova’s work. We did not use the results of Vladkova (2016) to support our conclusions. Our main conclusion, as stated in the title, that the cytochrome *b6f* complex is not involved in cyanobacterial state transitions, is based entirely on our own results presented in the article and is not altered by this correction.

In addition, the legend to Supplemental Figure 4 includes an error, in that pulses were applied every 30 s, and not every 90 s as stated. Nevertheless, this error does not alter the interpretation of the results.

All authors are in agreement with this correction.

Vladkova, R. (2016). Chlorophyll *a* is the crucial redox sensor and transmembrane signal transmitter in the cytochrome *b6f* complex. Components and mechanisms of state transitions from the hydrophobic mismatch viewpoint. *J. Biomol. Struct. Dyn.* **34**: 824–854.

Editors’ note: This correction was reviewed by members of *The Plant Cell* editorial board. The authors are responsible for providing a complete listing and accurate explanations for all known errors or instances of inappropriate data handling or image manipulation associated with the original publication.