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Retraction Note: *PPP1*, a plant-specific regulator of transcription controls Arabidopsis development and *PIN* expression

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René Benjamins, Elke Barbez, Martina Ortbauer, Inez Terpstra, Doris Lucyshyn, Jeanette Moulinier-Anzola, Muhammad Asaf Khan, Johannes Leitner, Nenad Malenica, Haroon Butt, Barbara Korbei, Ben Scheres, Jürgen Kleine-Vehn & Christian Luschnig

Retraction of: *Scientific Reports* https://doi.org/10.1038/srep32196, published online 24 August 2016

The Authors have retracted this Article.

In follow-up experiments on this work, we noticed a mix up of transgenic lines expressing N- and C-terminally tagged *PPP1* reporter constructs under the 35S promoter. All the lines presented in the manuscript in Figure 4i–n correspond to the identical N-terminally tagged *35S::GFP:PPP1* expression cassette, and the GFP signal localizes to nucleus and cytoplasm. Expression of this construct results in a limited rescue of the *ppp1-476* seedling phenotypes. However, the level of complementation is not comparable to complementation by a C-terminally GFP-tagged version of the protein that is in fact localized to the chloroplast, as reported by Manavski et al. [1]. As such, we are unable to support the conclusions presented as a nuclear regulator of *PIN* expression.

René Benjamins, Elke Barbez, Martina Ortbauer, Inez Terpstra, Doris Lucyshyn, Jeanette Moulinier-Anzola, Muhammad Asaf Khan, Johannes Leitner, Nenad Malenica, Barbara Korbei, Ben Scheres, Jürgen Kleine-Vehn & Christian Luschnig agree with the retraction and its wording. Haroon Butt did not respond to the correspondence about the retraction.

Reference

1. Manavski, N., Torabi, S., Lezhneva, L., Arif, M.A., Frank, W., Meurer, J. HIGH CHLOROPHYLL FLUORESCENCE145 Binds to and Stabilizes the psaA 5' UTR via a Newly Defined Repeat Motif in Embryophyta. *Plant Cell* **27**, 2600–2615, https://doi.org/10.1105/tpc.15.00234 (2015).