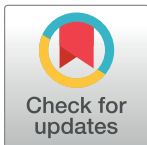


CORRECTION

Correction: *Arabidopsis* WRKY6 Transcription Factor Acts as a Positive Regulator of Abscisic Acid Signaling during Seed Germination and Early Seedling Development

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There are errors contained within the caption for [Fig 1](#) and errors in the designation of primer sequences used in [S1 Table](#). Please find a corrected version of [Fig 1](#) legend and [S1 Table](#) here.



OPEN ACCESS

Citation: Huang Y, Feng C-Z, Ye Q, Wu W-H, Chen Y-F (2019) Correction: *Arabidopsis* WRKY6 Transcription Factor Acts as a Positive Regulator of Abscisic Acid Signaling during Seed Germination and Early Seedling Development. PLoS Genet 15 (3): e1008032. <https://doi.org/10.1371/journal.pgen.1008032>

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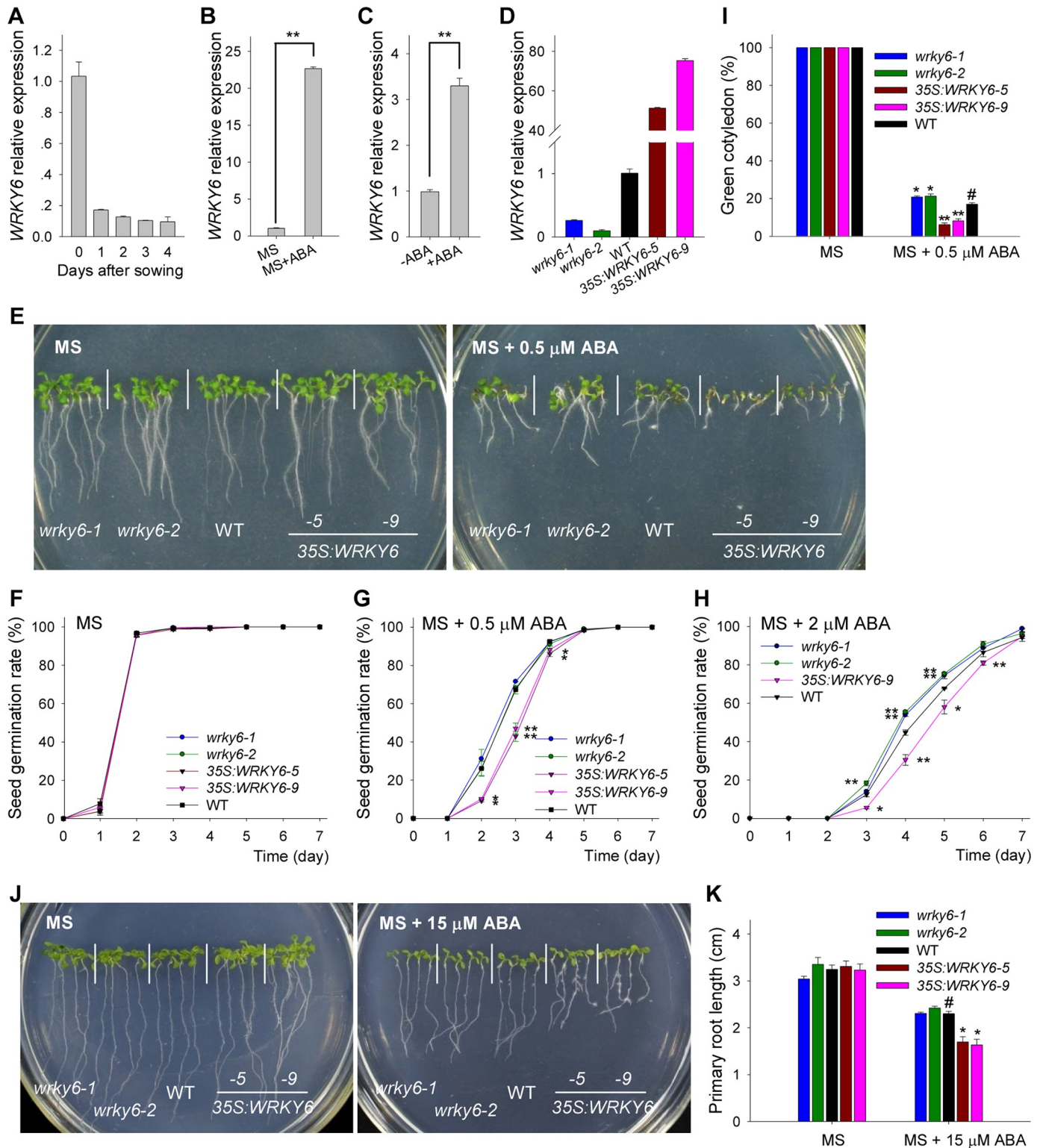


Fig 1. ABA-sensitivity of *wrky6* mutants and *WRKY6*-overexpressing lines. A, Expression of *WRKY6* was analyzed by qRT-PCR in wild-type plants (WT) during seed germination and early seedling development. The wild-type imbibed seeds were germinated and grown on MS medium, and then the plants were harvested at the indicated time. Data are shown as mean \pm SE (n = 3). B, qRT-PCR analysis of *WRKY6* expression in response to exogenous ABA. Wild-type imbibed seeds were germinated on MS medium (MS) or MS medium with 0.5 μ M ABA (MS+ABA) for 1 d, and then the seeds were harvested. Data are shown as mean \pm SE (n = 3). C, qRT-PCR analysis of *WRKY6* expression in 7-d-old wild-type seedlings treated with or without 100 μ M ABA for 3 h. Data are shown as

mean \pm SE (n = 3). D, Expression of *WRKY6* was analyzed by qRT-PCR in the *wrky6* mutants (*wrky6-1* and *wrky6-2*) and *WRKY6*-overexpressing lines (35S:*WRKY6-5* and 35S:*WRKY6-9*). Data are shown as mean \pm SE (n = 3). E, Phenotypic comparison. Imbibed seeds were transferred to MS or MS + 0.5 μ M ABA medium and grown for 10 d. F-H, Seed germination assay. Imbibed seeds were transferred to MS (F), MS medium containing 0.5 μ M ABA (G) or 2 μ M ABA (H), and then the seed germination rates were calculated at the indicated time. Data are shown as mean \pm SE (n = 3). More than 300 seeds were measured in each replicate. I, Cotyledon-greening analysis. Imbibed seeds were transferred to MS or MS + 0.5 μ M ABA medium for 7 d before determining cotyledon-greening percentages. Data are shown as mean \pm SE (n = 3). More than 300 seeds were measured in each replicate. J-K, Primary root length measurement with and without ABA addition. The 4-d-old seedlings were transferred to MS or MS + 15 μ M ABA medium for 7 d, and then the photos were taken and the primary root length was measured. Asterisks in G, H, I and K indicate statistically significant differences compared with wild-type plants: *, $P < 0.05$; **, $P < 0.01$. Wild-type plant (WT) was used as a control (#).

<https://doi.org/10.1371/journal.pgen.1008032.g001>

Supporting information

S1 Table. Primer sequences used in this study.

(PPTX)

Reference

1. Huang Y, Feng C-Z, Ye Q, Wu W-H, Chen Y-F (2016) *Arabidopsis* WRKY6 Transcription Factor Acts as a Positive Regulator of Abscisic Acid Signaling during Seed Germination and Early Seedling Development. *PLoS Genet* 12(2): e1005833. <https://doi.org/10.1371/journal.pgen.1005833> PMID: 26829043