

CORRECTION

Correction: The Roles of *Arabidopsis* CDF2 in Transcriptional and Posttranscriptional Regulation of Primary MicroRNAs

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There is an error in the last paragraph of the subsection ‘CDF2 interacts with DCL1’ in the Results and Discussion. “The results showed that the C-terminal fragments of CDF2 interacted with DCL1 as strongly as the full-length CDF2 (Fig 1D),” should read “The results showed that the C-terminal fragments of CDF2 interacted with DCL1 as strongly as the full-length CDF2 (Fig 1E).”

There is an error in the caption for [Fig 3](#). “(B) ChIP-PCR analysis of five promoter fragments of miRNA genes,” should read “(B) ChIP-PCR analysis of six promoter fragments of miRNA genes”. Please see the complete, correct [Fig 3](#) caption here.



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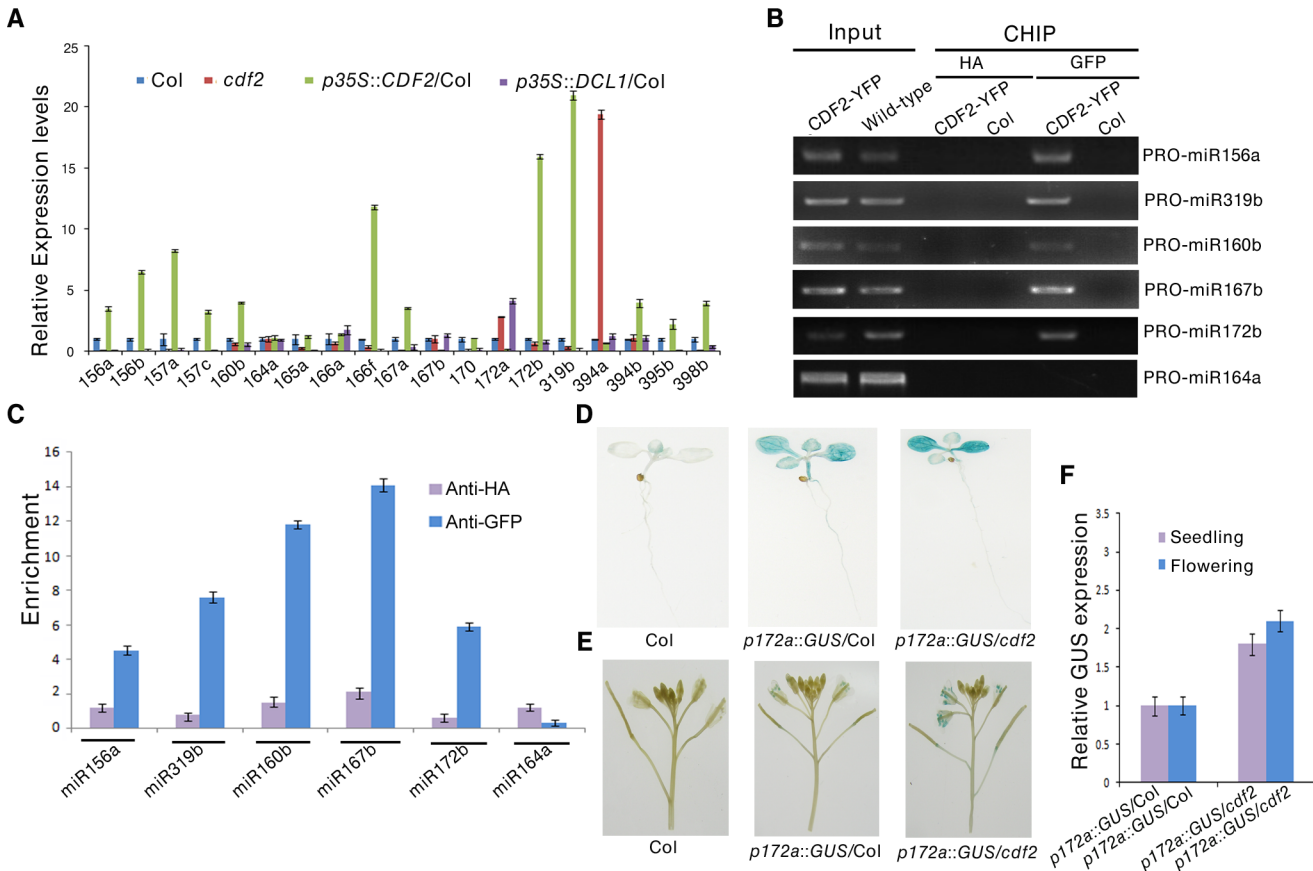


Fig 3. CDF2 acts as a transcription factor for some miRNA genes. (A) The relative levels of pri-miRNAs in Col, *cdf2*, *p35S::CDF2/Col*, *p35S::DCL1/Col* lines examined by real-time PCR. The relative fold changes were normalized to ACTIN. Data are given as means \pm SD ($n = 3$). (B) ChIP-PCR analysis of six promoter fragments of miRNA genes in wild-type and *pCDF2::CDF2-YFP/Col* seedlings expressing the CDF2-YFP fusion protein. DNA was amplified using primers specific to 6 miRNA promoter regions. (C) CHIP followed by real time PCR of 6 promoter fragments of miRNA genes in Col and *pCDF2::CDF2-YFP/Col* seedlings. Relative enrichment of fragments was calculated with HA antibodies as the control. Data are given as means \pm SD ($n = 3$). (D) and (E) *pMIR172a::GUS* in Col, *cdf2* and *p35S::DCL1/Col* in seedlings (D) and flowers (E), respectively. Thirty plants containing GUS were analyzed for each of genotypes. (F) The transcript levels of GUS driven by miR172b promoter in Col, *cdf2* and *p35S::DCL1/Col*. GUS transcript levels were determined by qRT-PCR. Data are given as means \pm SD ($n = 3$).

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Reference

1. Sun Z, Guo T, Liu Y, Liu Q, Fang Y (2015) The Roles of *Arabidopsis* CDF2 in Transcriptional and Post-transcriptional Regulation of Primary MicroRNAs. *PLoS Genet* 11(10): e1005598. doi:10.1371/journal.pgen.1005598 PMID: 26473486