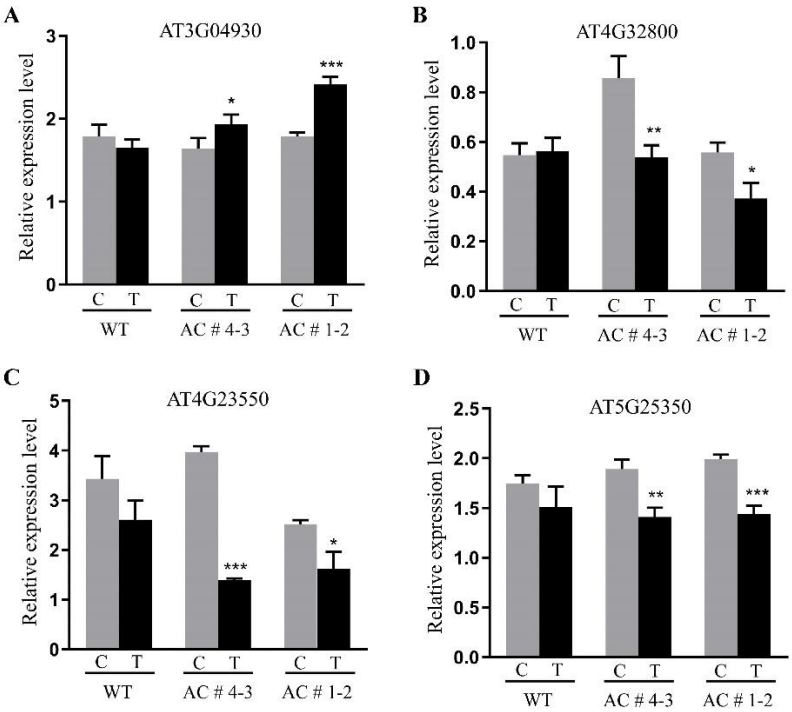

Supplementary Figure S1. Quantitative RT-PCR detection of cAMP-responsive genes (CRGs) in independent *AC* transgenic lines and wild type plants. About two-week-old *AC* transgenic plants (transgenic lines AC #4-3 and AC #1-2) and wild type (WT) plants were thoroughly sprayed with 30 µM dexamethasone (T) or mock control (C), and then covered overnight using a transparent plastic dome. Shoot tissue samples were collected 24 h after spray and used for total RNA isolation. Quantitative RT-PCR was performed to detect relative expression of CRGs using the $2^{-\Delta\Delta Cq}$ method. β-tubulin (*AtTUB4*) was used as an internal control. (**A**) AT3G04930. (**B**) AT4G32800. (**C**) AT4G23550. (**D**) AT5G25350. Data are Ave ± SD (n = 3), two-tailed Student's *t*-test **p* < 0.05, ***p* < 0.01, ****p* < 0.001.