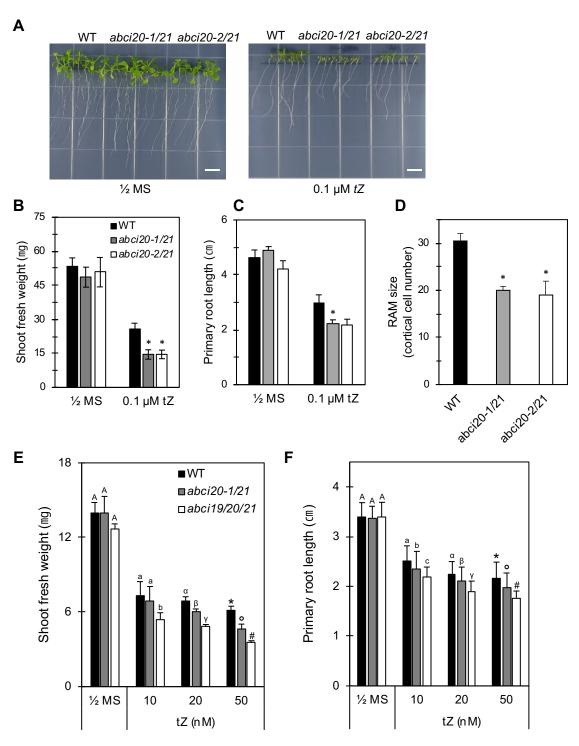
Supplemental Fig. S3



Supplemental Fig. S3

Supplemental Figure S3. Enhanced cytokinin sensitivity of *abci20 abci21* mutants.

- (a) Twelve-day-old seedlings grown on $\frac{1}{2}$ MS agar plates without ($\frac{1}{2}$ MS) or with 0.1 μ M trans-zeatin (tZ) supplementation. Scale bars = 1 cm.
- (**b**, **c**) Total shoot fresh weight per plate (**b**) and the primary root length (**c**) quantified from 12-day-old seedlings. Combined data from three independent experiments (7 biological replicates) are presented. Asterisks indicate statistically significant differences from the wild type (WT) value (*; p < 0.03, Student's *t*-test).
- (d) Number of cortical cells in root apical meristem (RAM) counted from root tip images of 8-day-old seedlings. Representative data (mean values \pm SD) are given (n=3). Asterisks indicate statistically significant differences (*; p < 0.03, Student's t-test).
- (e, f) Comparison of seedling growth between *abci20 abci21 (abci20-1/21)* and *abci19 abci20 abci21 (abci19/20/21-1)* in the absence or presence of tZ (10, 20, 50 nM). Values of shoot fresh weight (e) and primary root length (f) were quantified from 9-day-old seedlings. Combined data (mean values \pm SD) from two independent experiments (total 8 biological replicates) are given. Different letters and symbols indicate significant differences between genotypes in each treatment condition determined by one-way ANOVA followed by Tukey's honest significant difference test (P < 0.05).