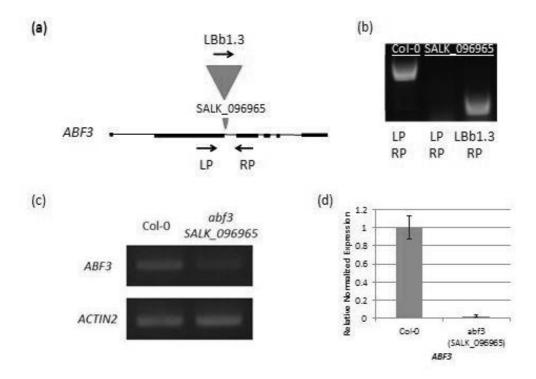
Additional files



Additional file 1: Isolation of *abf3* mutant line.

- (a) Primer design for genotyping, LBb1.3: ATTTTGCCGATTTCGGAAC, LP: ACACTGTTATTAACGGCGGTG, RP: CTTTCTCCAGAACTGCACCTG
- (b) Genomic DNA of Col-0 and SALK_096965 was isolated, and specific primer, LP, RP and LBb1.3 were used to confirm the T-DNA insertion line is homozygous or not.
- (c) RT-PCR analysis of ABF3 transcript in wild-type and *abf3* mutant. The same amount of cDNA was used for PCR analysis using primer for *ABF3* (30 cycles), *ACTIN2* (30 cycles).
- (d) Real-time PCR analysis showed ABF3 gene expression in wild-type and *abf3* mutant.