Supplemental Figure 3: Characterization of the MYB83 T-DNA mutant line (CS1004395).

(A) Schematic representation of T-DNA insertion site in the myb83 mutant.

(B) MYB83 expression level in the myb83 mutant relative to the wild-type Col-4 plants. MYB83 expression level was quantified in two-week-plants using qPCR and Actin8 as internal reference control. Shown are averages of three biological samples ± SE. The asterisk indicates statistically significant differences from the wild-type plants at P value less than 0.01.

(C) Root lengths of myb83 mutant and wild-type plants. Seeds of myb83 mutant and the corresponding wild-type Col-4 were planted on modified Knop’s medium and root lengths of at least 30 plants were measured 10 days post planting. Data are presented as means ± SE.