Supporting Information

Kuromori et al. 10.1073/pnas.0912516107

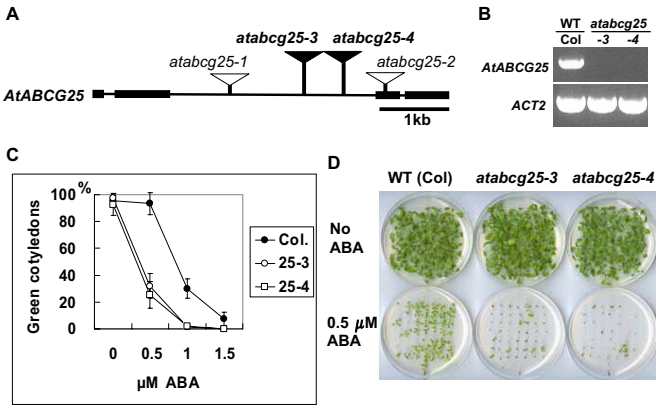

Fig. S1. *atabcg25-3* and *atabcg25-4* mutant alleles and phenotypes. (*A*) Insertional mutation sites of two additional *atabcg25* alleles. Square boxes represent exons, and black bars represent introns. T-DNA insertions in *atabcg25-3* (SALK_098823) and *atabcg25-4* (SALK_128331) are shown by black triangles. (*B*) RT-PCR analysis of *AtABCG25* transcripts in wild-type plants and in two additional *atabcg25* mutants. Total RNAs were prepared from seedlings of wild-type plants (Col) and two *atabcg25* mutants (*atabcg25-3* and *atabcg25-4*). *Actin2* (*ACT2*) was used as a reference. (*C* and *D*) ABA-hypersensitive phenotype of *atabcg25-3* and *atabcg25-4*. Postgerminative growth in different concentrations of ABA was scored at day 11 (*C*). Values are shown as mean ± SD of 50 seeds (obtained from three independent experiments). Photographs show wild-type and *atabcg25* mutant seedlings germinated in the presence of 0.5 μM ABA (*D*). Fifty seeds of each type were sown and incubated for 16 days.

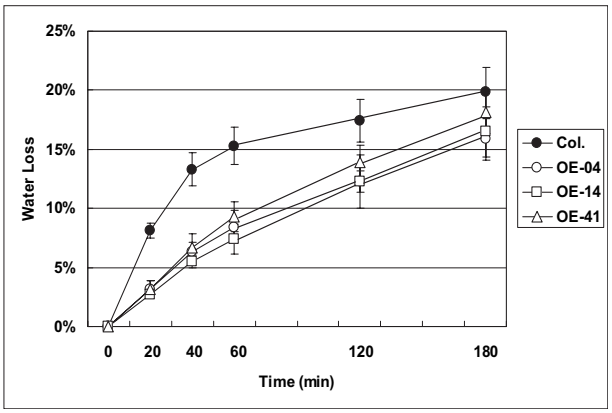

Fig. S2. Transparency ratio of AtABCG25-overexpressing plants. The leaves of three *35S::AtABCG25* transgenic lines (OE-04, OE-14, and OE-41) and a wild-type plant (Col) were removed at 6–7 weeks. Water loss from the leaves was measured as a percentage of the initial flesh weight. Values are shown as mean ± SD of five detached leaves (obtained from three independent plants).