**FIGURE S8** ABA sensitivity of WT, ost1-3, and Pro35S:RCAR5/ost1-3 transgenic plants during seed germination and seedling growth. (a) Expression levels of RCAR5 gene in the leaves of Pro35S:RCAR/ost1-3 transgenic plants. Actin8 was used as an internal control for normalization and the expression level of RCAR5 in WT plants was set to 1.0. (b) Germination rates of Pro35S:RCAR5, Pro35S:RCAR5/ost1-3, ost1-3, and WT plants on 0.5× MS medium supplemented with 0 μM, 0.5 μM or 1 μM ABA. The numbers of seeds with emerged radicles were counted 3 days after plating (n=100 per plant line). (c-e) Seedling development of Pro35S:RCAR5, Pro35S:RCAR5/ost1-3, ost1-3, and WT plants in the presence of ABA. Seeds of each plant line were germinated on 0.5× MS medium supplemented with 0 μM, 0.5 μM, or 0.75 μM ABA and vertically grown at 24°C in the light. At 7 days after incubation (DAI), root length (d) and cotyledon greening (e) were measured and representative images were taken (c). Scale bar = 1 cm. All data represent mean ± SD of three independent experiments. Different letters indicate significant differences between WT and transgenic plants (ANOVA; P < 0.05).