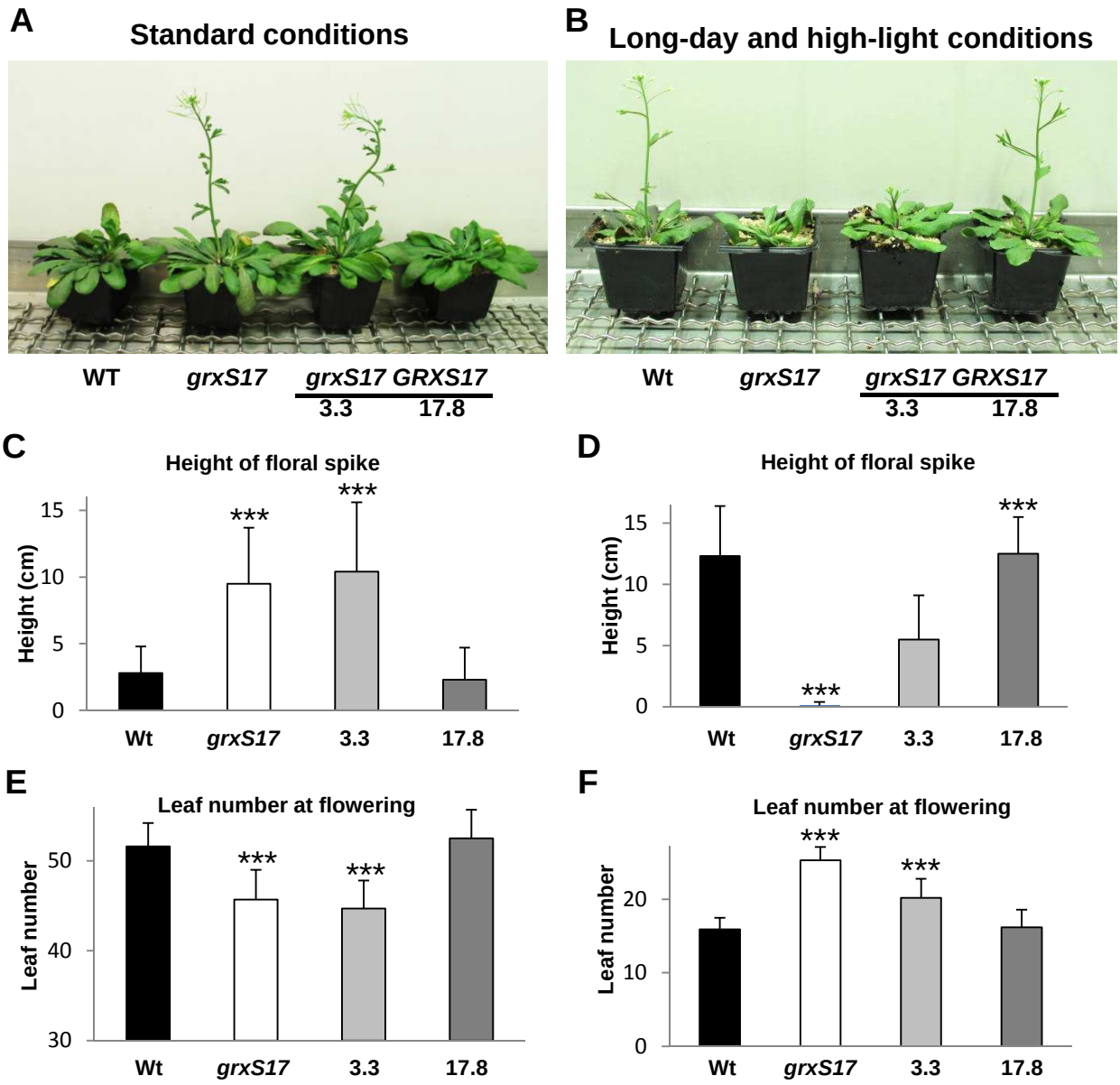
Figure S5



G

Figure S5. Floral development of *A. thaliana* plants modified in *GRXS17* expression as a function of photoperiod and light intensity.

(A) 54-day old plants grown in standard conditions (8-h photoperiod, 200 µmol photons.m^{-2}.s^{-1} at 22℃). (B) Four-week old plants grown in high-light (500 µmol photons.m^{-2}.s^{-1}) and long-day (16-h photoperiod) conditions at 22℃. (C) and (D) Height o f the main floral spike in plants grown in standard conditions for 54 days and in high-light and long-photoperiod conditions for 4 weeks, respectively. (E) and (F) Number of leaves at flowering in plants grown in standard conditions and in high-light and long-day conditions, respectively. (G) Five-week old *grxS17* plant grown in high-light (500 µmol photons.m^{-2}.s^{-1}) and long-day (16-h photoperiod) conditions at 22℃. WT, Wild-type plants; *grxS17*, homozygous SALK_021301 plants; *grxS17 GRXS17* 3.3 and 17.8, two independent KO lines expressing *GRXS17*. ***, significantly different from the WT value with $p < 0.01$ (t test).