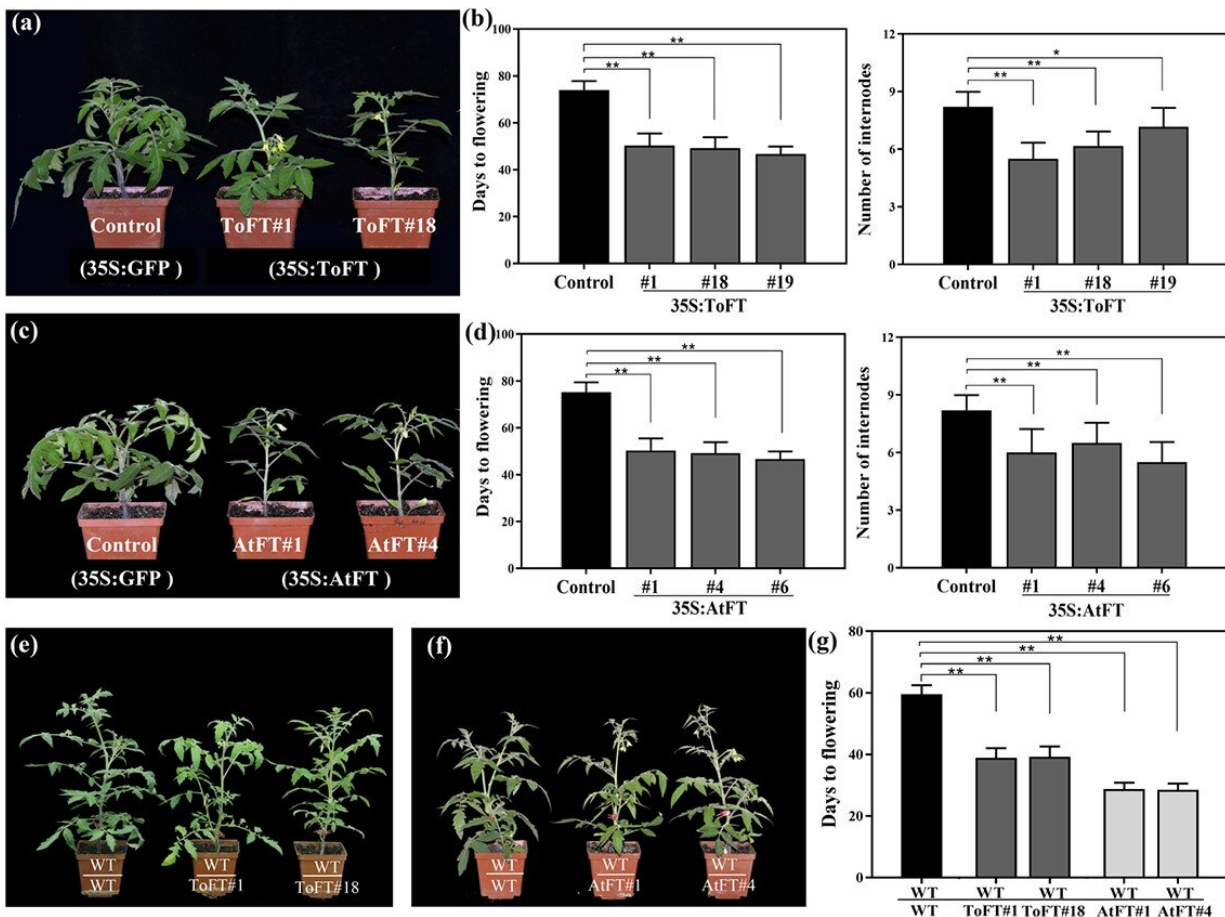


Shortening the juvenile period for citrus crops to improve food stability

August 15 2022



ToFT and AtFT promote early flowering in transgenic and transgenic tomato. (a) Phenotypes of 35S:ToFT transgenic tomato. (b) Number of days to flowering and number of internodes in 35S:ToFT transgenic tomato and the control from seed sowing to flowering. Fifteen plants of each genotype were used for statistical analysis. Error bars represent \pm SE ($n = 15$). (c) Phenotypes of 35S:AtFT transgenic tomato. (d) Number of days to flowering and number of

internodes in 35S:AtFT transgenic tomato and the control from seed sowing to flowering. (e–f) Phenotype of wild-type juvenile tomato scions grafted onto 35S:ToFT (e) and 35S:AtFT transgenic tomato (f) rootstocks. (g) The flowering time of wild-type juvenile tomato scions grafted onto 35S:AtFT and 35S:AtFT transgenic tomato rootstocks. Each grafting combination included 12 individual plants for statistical analysis. Error bars represent \pm SE (n = 12). ToFT#1, ToFT#18, and ToFT#19 represent three 35S:ToFT transgenic tomato lines. AtFT#1, AtFT#4, and AtFT#6 represent three 35S:AtFT transgenic tomato lines. Asterisks signify significant differences: **P

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