

Figure S1

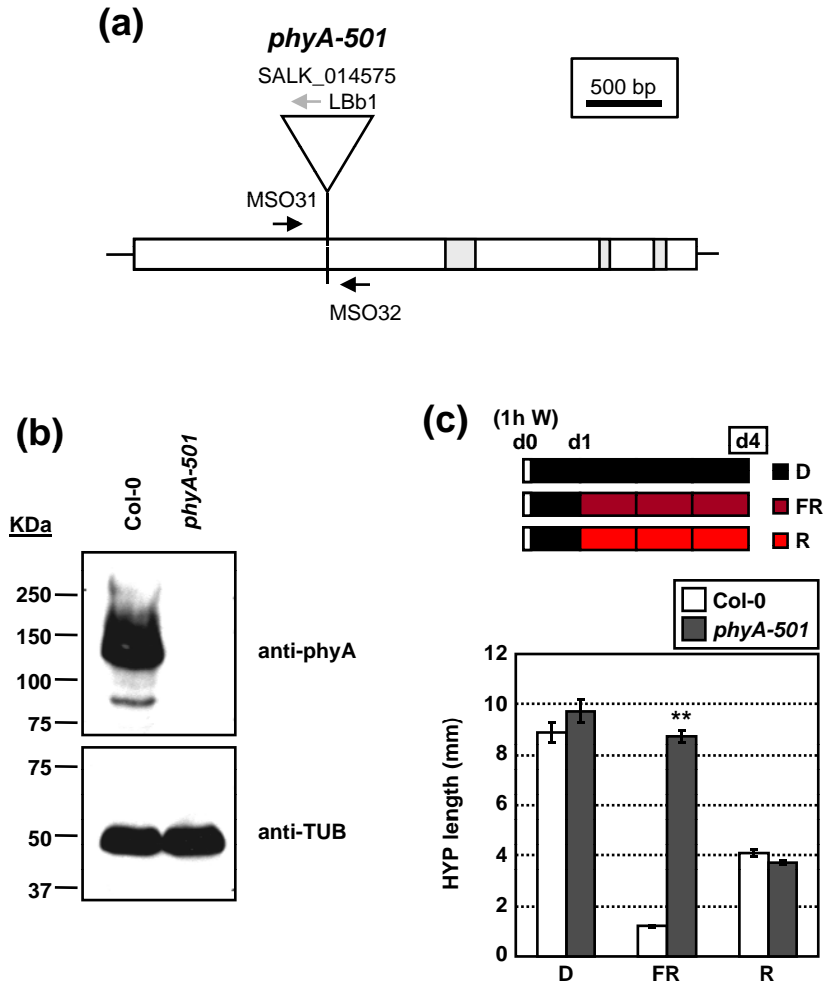


Figure S1. The *phyA-501* line is deficient in phyA. **(a)** Scheme of the *PHYA* genomic structure and the site of insertion of the T-DNA in the SALK_014575 line; arrows indicate the approximate location of primers used for genotyping (LBb1, MSO31 and MSO32). **(b)** Steady-state levels of phyA measured by protein blot. Immunoblot detection of phyA (upper panel) and tubulin (TUB, lower panel) levels in extracts from Col-0 and *phyA-501* seedlings grown in darkness for 5 days. Bands were detected as indicated in Fig. 5b. **(c)** Hypocotyl length in 4-day-old Col-0 and *phyA-501* seedlings grown in darkness, continuous FR ($3.7 \mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$) and R ($12.8 \mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$), as shown in the upper part of the panel. Mean and SE values represent at least 25 seedlings from each treatment. Asterisks indicate significant differences (* $P < 0.05$; ** $P < 0.01$) relative to control seedlings (Col-0) grown under the same conditions.