

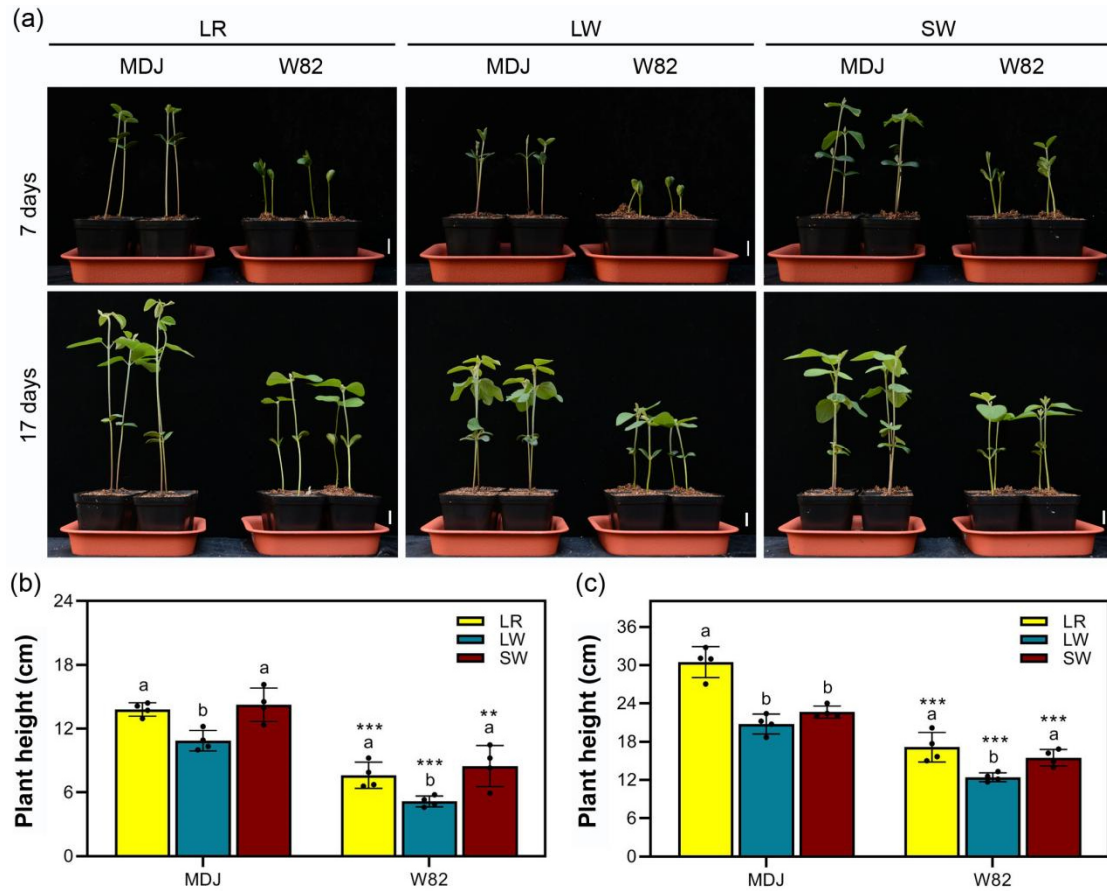


Fig. S1 Effects of different light conditions on plant height and morphogenesis of soybean cultivars at seedling stage. (a) Growth phenotypes of fodder soybean MDJ and cultivated soybean W82. Seeds were germinated directly under long-day white:red = 6:1 (LR), long-day white (LW), and short-day white (SW) conditions and further cultured for 7 days or 17 days after sowing, after which photographs were taken. Scale bar = 2 cm. (b, c) Plant height of MDJ and W82 at 7 days (b) and 17 days (c) after sowing under the indicated light conditions. Data are expressed as mean±SD. n= 4. Different letters above the bars represent significant differences at $P < 0.05$ (Duncan's test). Asterisks denote statistically different values between MDJ and W82 according to independent sample t -tests (** $P < 0.01$, *** $P < 0.001$).