



**Figure S7.** The effect of stresses on the physiological and photosynthesis related traits of YNU and SL genotypes at the reproductive stage. **(A)** plant height (PH), **(B)** root length (RL), **(C)** plant biomass (PB), **(D)** root biomass (RB), **(E)** the net photosynthesis rate ( $An$ ), **(F)** transpiration rate ( $E$ ), **(G)** stomatal conductance ( $Gs$ ) of control (C; 26/23 °C + 0% PEG), drought (DS; 26/23 °C + 15% PEG), high temperature (HT; 35/32 °C + 0% PEG), and high temperature + drought (HT+DS; 35/32 °C + 15% PEG) stress exposed YNU and SL genotypes. Means ( $\pm$  standard deviation) within the same graph followed by different letters are significantly different at  $p < 0.05$  according to the Tukey HSD test from three independent biological replicates ( $n=3$ ).