



**Figure S8.** The effect of stresses on the biochemical traits of YNU and SL genotypes at the reproductive stage. **(A)** hydrogen peroxidase ( $H_2O_2$ ), **(B)** malondialdehyde (MDA), **(C)** proline (PRO) content, **(D)** superoxide dismutase (SOD), **(E)** catalase (CAT), **(F)** ascorbate peroxidase (APX) 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 at the reproductive stage ( $_R$ ). 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 ( $n=3$ ).