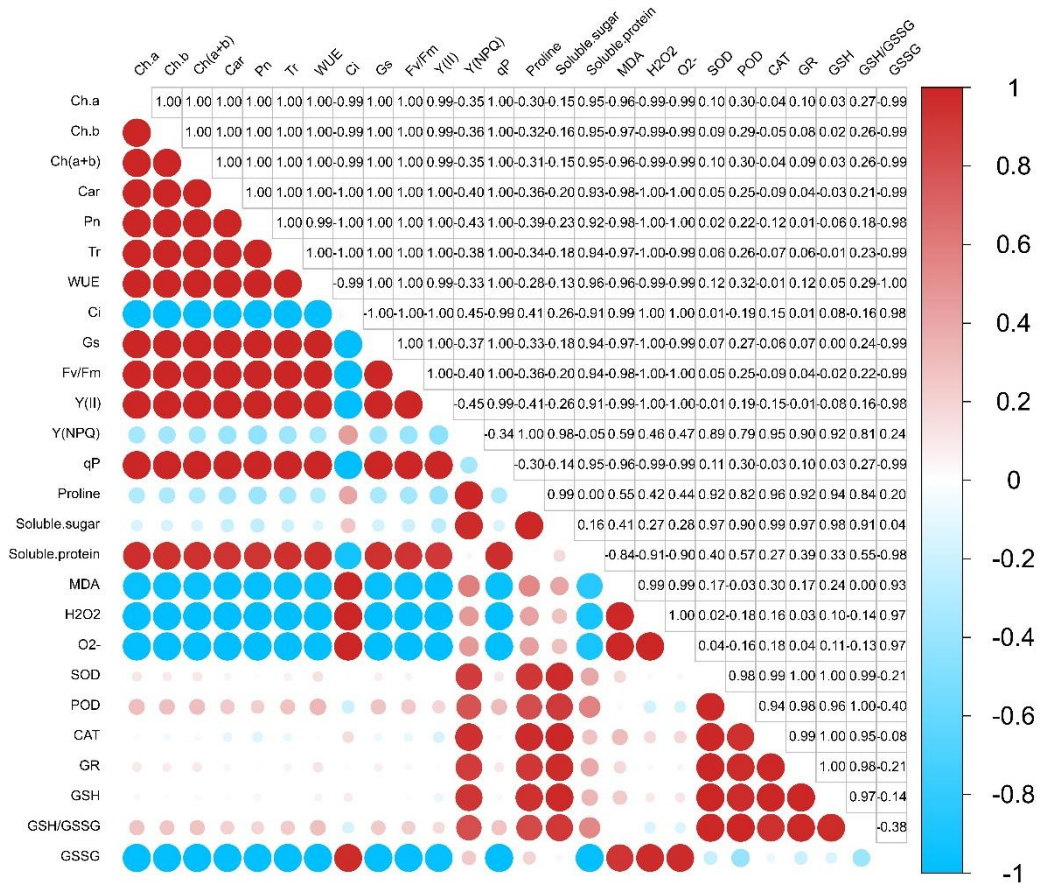


Supplementary Figure 2 Pearson correlation heatmap of 26 physiological parameters in leaves of ginger tolerant cultivar ‘2404’ (T) and sensitive cultivar ‘61’ (S) on day 7 under saline-alkali stress. Each cultivar had three biological replicates, including control groups (Tn_1–3, Sn_1–3) and stress-treated groups (Ts_1–3, Ss_1–3). In the heatmap, colors represent Pearson correlation coefficients (r), with red indicating positive correlation and blue indicating negative correlation; color intensity is proportional to the absolute value of r. Only the upper triangular matrix is displayed.