



Figure S2. The effects of PEG6000-induced drought stress on (A) Φ_{PSII} , (B) $Y(NO)$ were evaluated in leaves of cowpea and beach cowpea plants treated with 0%, 3%, 6%, and 9% PEG6000 for 3, 6, 9, and 12 days. Φ_{PSII} is the quantum yield of electron transfer at PSII, indicating the overall efficiency of PSII reaction centers in the light. $Y(NO)$ is the unregulated, non-radiative dissipation of excitation energy. Each experiment included three biological replicates. Different letters indicate statistically significant differences ($P \leq 0.05$).