



Figure S3. Starch content in leaves of *Brachypodium distachyon* and its association with physiological traits or gene expression pattern. (A) Box plot of starch content under control and combinations of stresses. * indicates a significant difference at $P \leq 0.05$, as determined by Steel method for nonparametric comparisons. Values are mean ($n=5$) \pm SE. (B) Correlation between first principle component (PC1) of expression pattern of genes involved in starch synthesis and degradation, and log₂ fold change (FC) values of starch content. Correlations between starch content and (C) maltose, (D) photosynthesis and (E) grain weight. Growth conditions are as follows: salinity and heat (S&H), drought and heat (D&H), salinity and drought (S&D), salinity, drought and heat (S&D&H).