

Supplementary Table S6: Genotype specific and shared biological process in response to terminal drought stress in each genotype

Genotypes	Most significant Biological Process
SB-DT3	starch biosynthetic process protein-chromophore linkage photosynthesis, light reaction response to metal ion glutamine family amino acid metabolic pr... defense response response to cadmium ion glutamine family amino acid biosynthetic... glycogen metabolic process glycogen biosynthetic process
SB-DT2	protein-chromophore linkage photosynthesis, light reaction starch biosynthetic process response to abscisic acid glycogen biosynthetic process defense response multi-organism process response to biotic stimulus electron transport chain response to inorganic substance
Merlot	protein-chromophore linkage photosynthesis, light reaction starch biosynthetic process macromolecule catabolic process electron transport chain defense response glycogen metabolic process glycogen biosynthetic process energy reserve metabolic process protein catabolic process
Stampede	protein-chromophore linkage photosynthesis, light reaction starch biosynthetic process response to inorganic substance response to oxygen-containing compound defense response response to water response to acid chemical defense response to other organism multi-organism process