

Suppl. Table S3 Genes that change under drought stress and their functions

| Gene | Function |
|-----------------|---|
| <i>MYB</i> | Abiotic stresses Participate in the growth and development of plant roots, stems, leaves, and flowers |
| <i>WRKY</i> | Abiotic stresses, plant senescence, organ development, signaling molecules |
| <i>C2H2</i> | Regulates the expression of specific genes, cell development and differentiation, and resistance to the external environment |
| <i>NAC</i> | Stress response, growth, and development, hormonal regulation |
| <i>TCP</i> | Evolution, regulation, biochemical characterization of proteins, control of cell proliferation in developing tissues |
| <i>bZIP</i> | Plant growth, biological, and abiotic stresses |
| <i>bHLH</i> | Flavonoid synthesis, abiotic stress |
| <i>AP2/ERF</i> | Nutrition and reproduction |
| <i>GATA</i> | Plant growth and development, cell differentiation |
| <i>MADS-box</i> | Pheromone response in yeast, development of floral organs, regulation of flowering time, development of fruit, roots, stems, and leaves |
| <i>GTE</i> | Protein synthesis |
| <i>GRAS</i> | Plant hormone signaling |
| <i>VIP</i> | Biostress |
| <i>TGA</i> | Oxidative reactions, organ development |