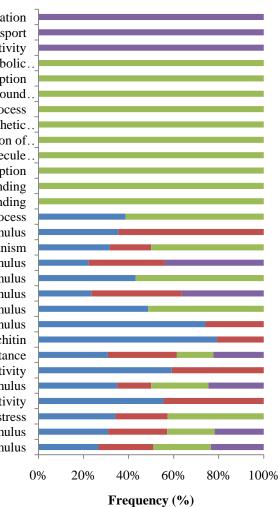
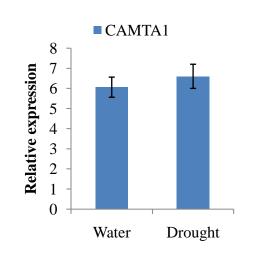
■ leaf down ■ leaf up ■ root down ■ root up



establishment of localization transport oxidoreductase activity regulation of primary metabolic ... transcription regulation of nitrogen compound... regulation of biosynthetic process regulation of cellular biosynthetic... regulation of .. regulation of macromolecule... regulation of transcription ion binding metal ion binding multi-organism process cellular response to stimulus response to other organism response to hormone stimulus response to biotic stimulus response to endogenous stimulus response to temperature stimulus response to carbohydrate stimulus response to chitin response to organic substance transcription factor activity response to abiotic stimulus transcription regulator activity response to stress response to chemical stimulus response to stimulus



В

Condition	Up regulated	Down regulated
WT-C/M1-C (Leaf tissue)	209	169
WT-C/M1-C (Root tissue)	670	635

gene count of differentially expressed genes (P value ≤ 0.05 and FC ≥ 2)

Additional file 10

С