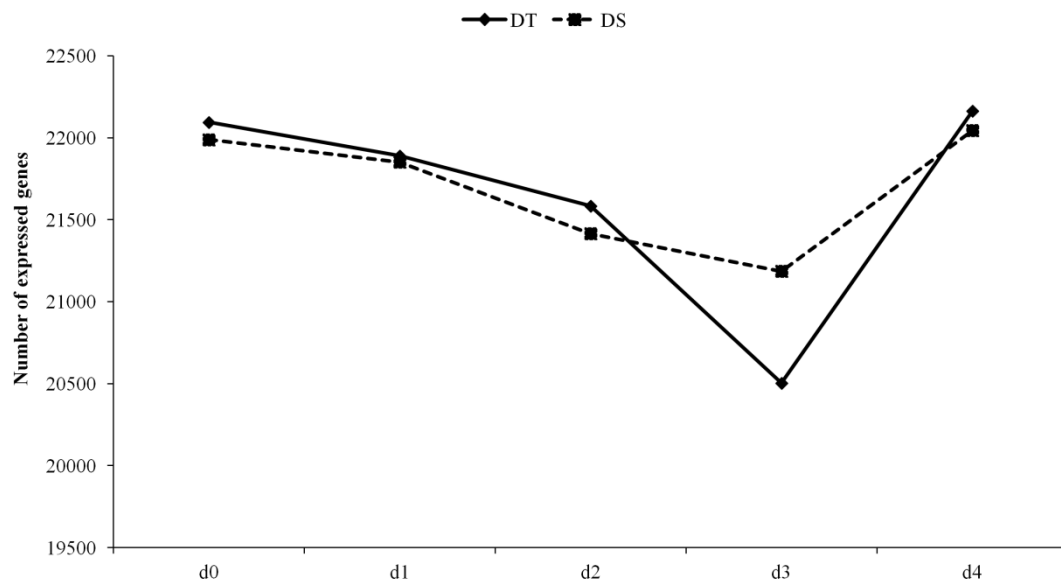


Transcriptomic, biochemical and physio-anatomical investigations shed more light on responses to drought stress in two contrasting sesame genotypes

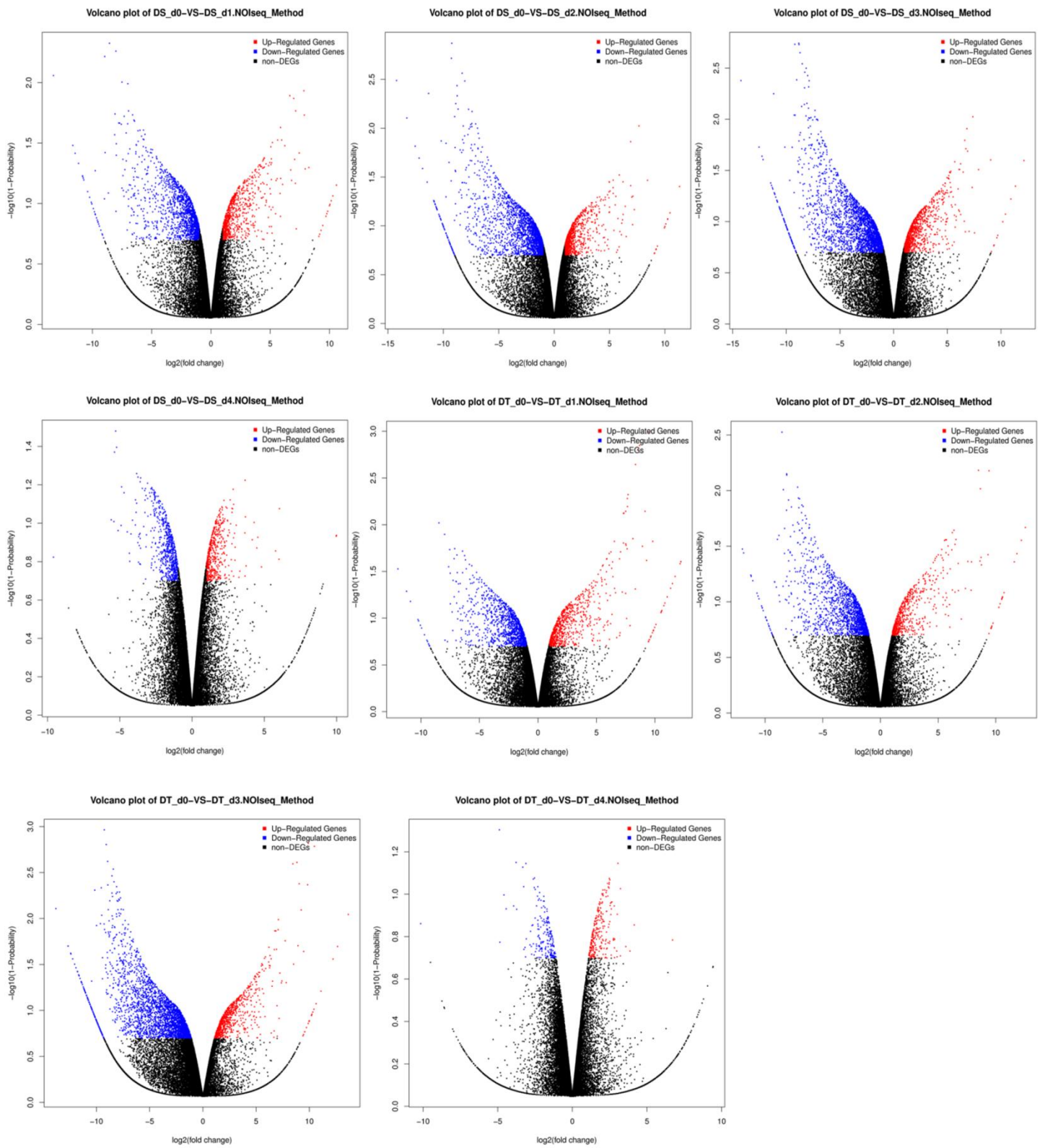
Komivi Dossa^{1,2,3}, Donghua Li¹, Linhai Wang¹, Xiaomin Zheng⁴, Aili Liu¹, Jingyin Yu¹, Xin Wei¹, Rong Zhou¹, Daniel Fonceka^{2,5}, Diaga Diouf³, Boshou Liao¹, Ndiaga Cissé² & Xiurong Zhang¹

Supplementary Figures

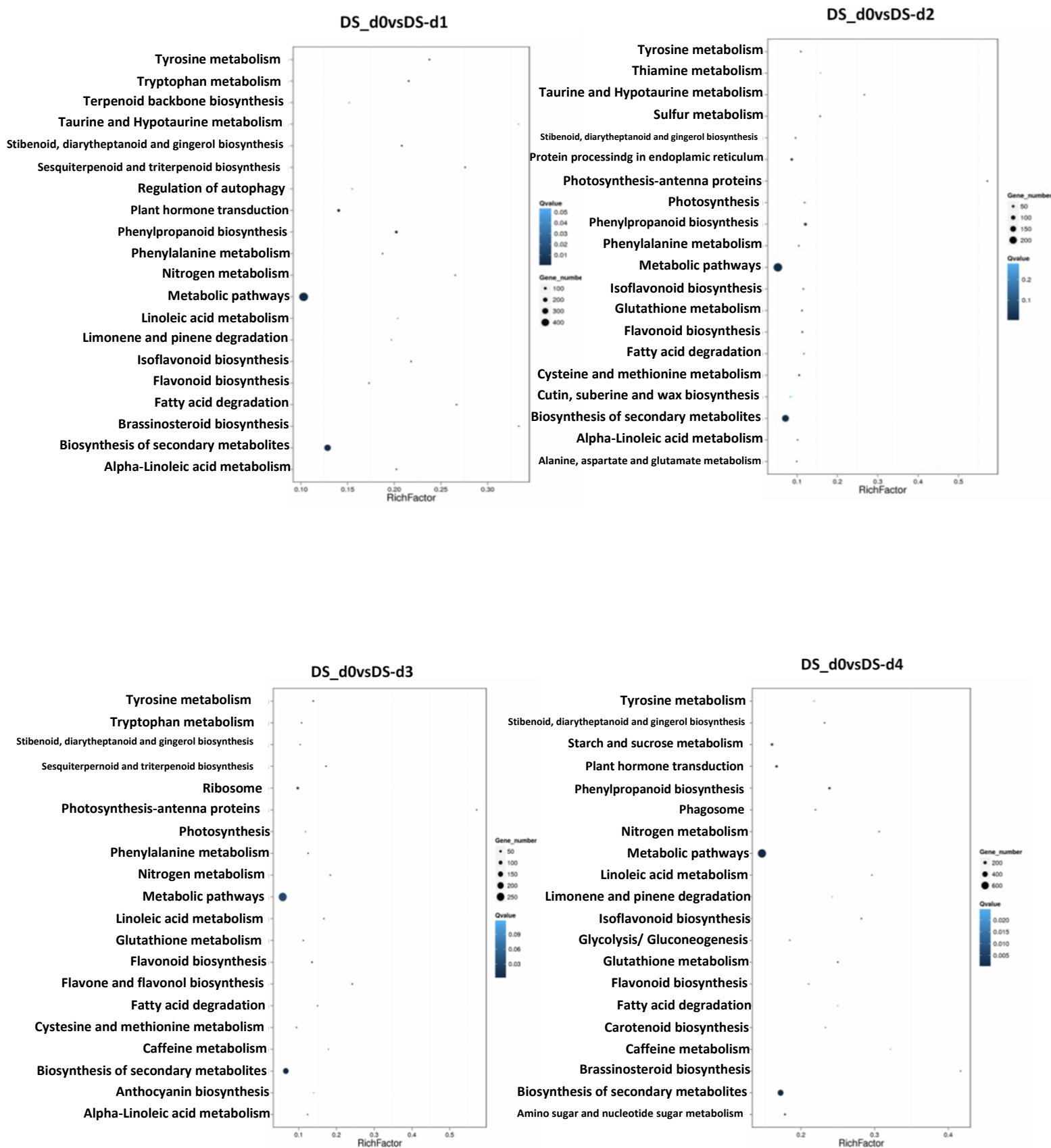
Supplementary Figure S1. Dynamics of expressed genes during time-course of drought stress and after rewatering in DT and DS

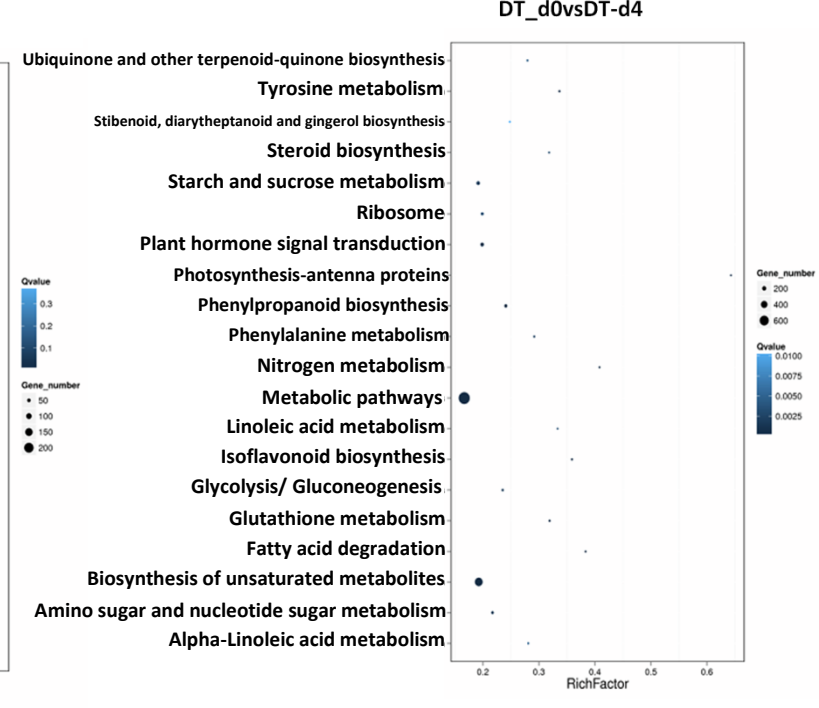
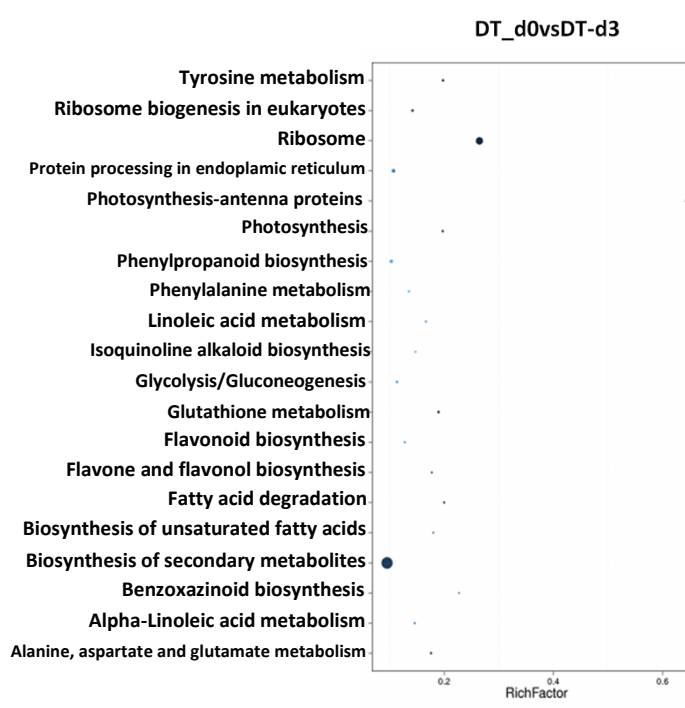
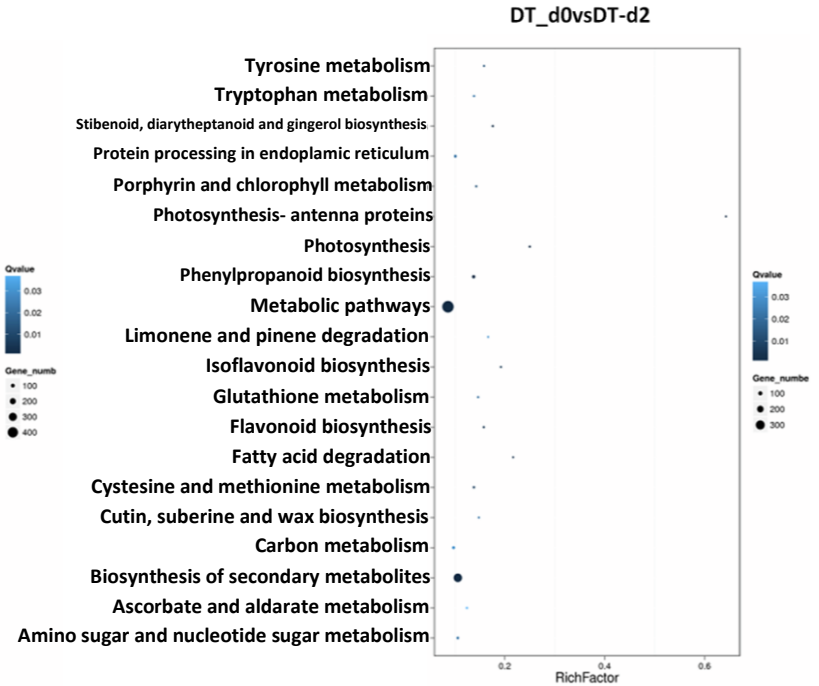
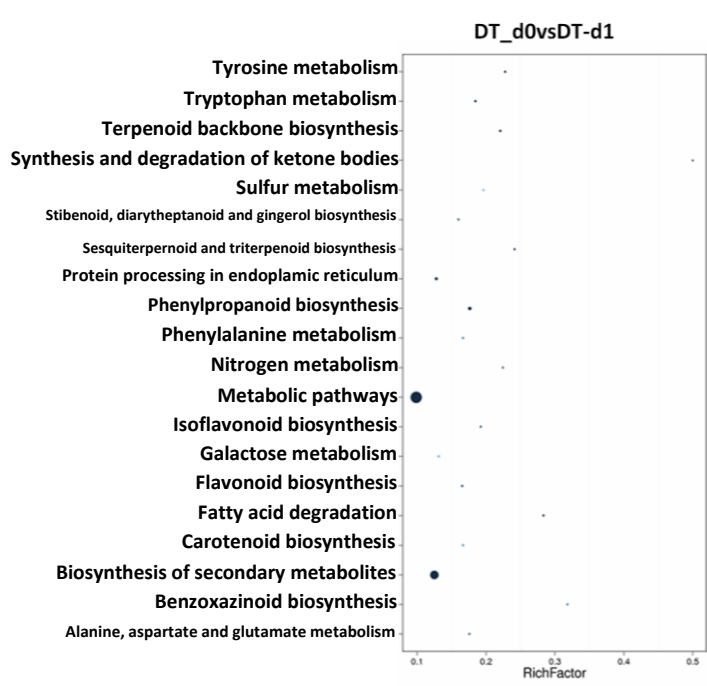


Supplementary Figure S2. Volcano plot of DEGs in DT and DS during time-course of drought stress and after rewatering with d₀ as control



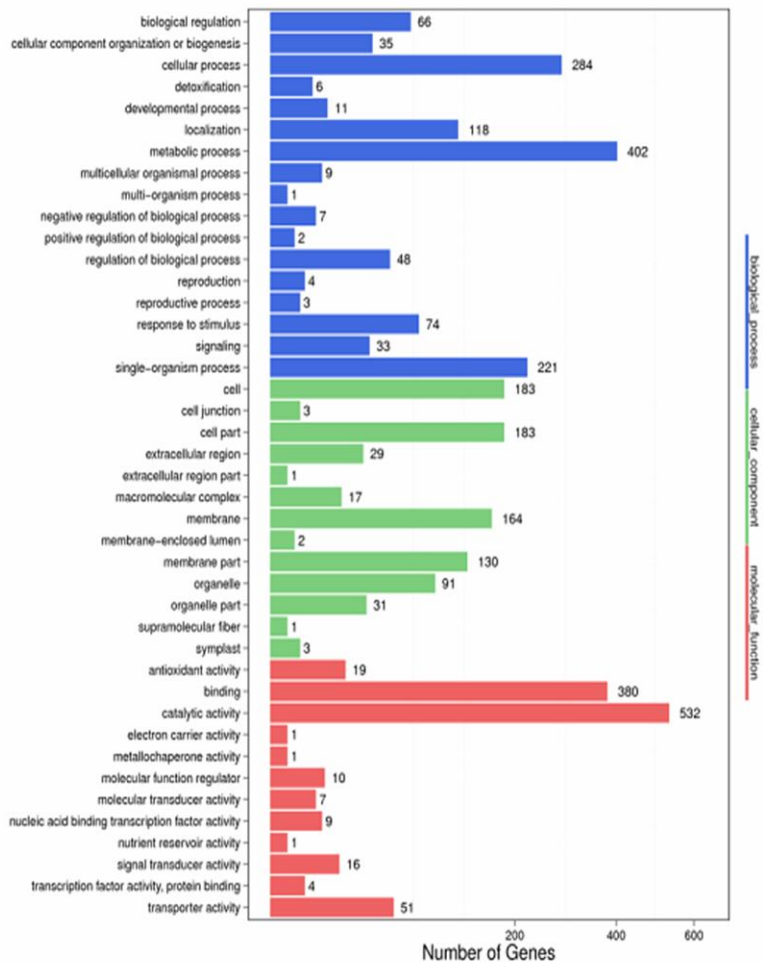
Supplementary Figure S3. KEGG pathway enrichment of DEGs in DT and DS during time-course of drought stress and after rewatering



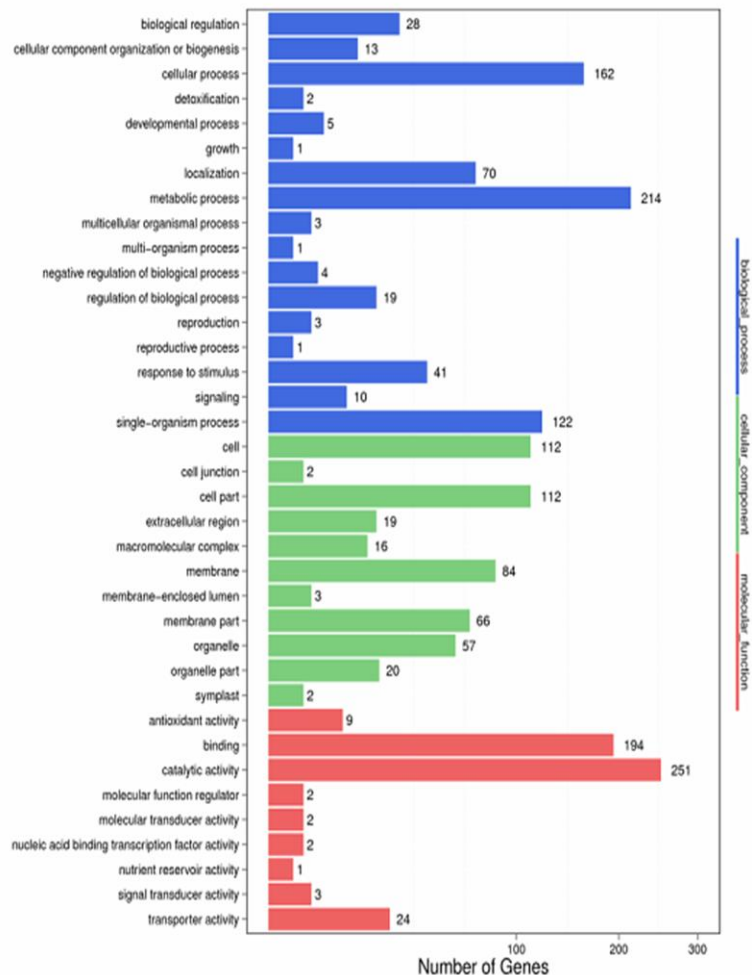


Supplementary Figure S4. Gene ontology enrichment of DEGs in DT and DS during time-course of drought stress

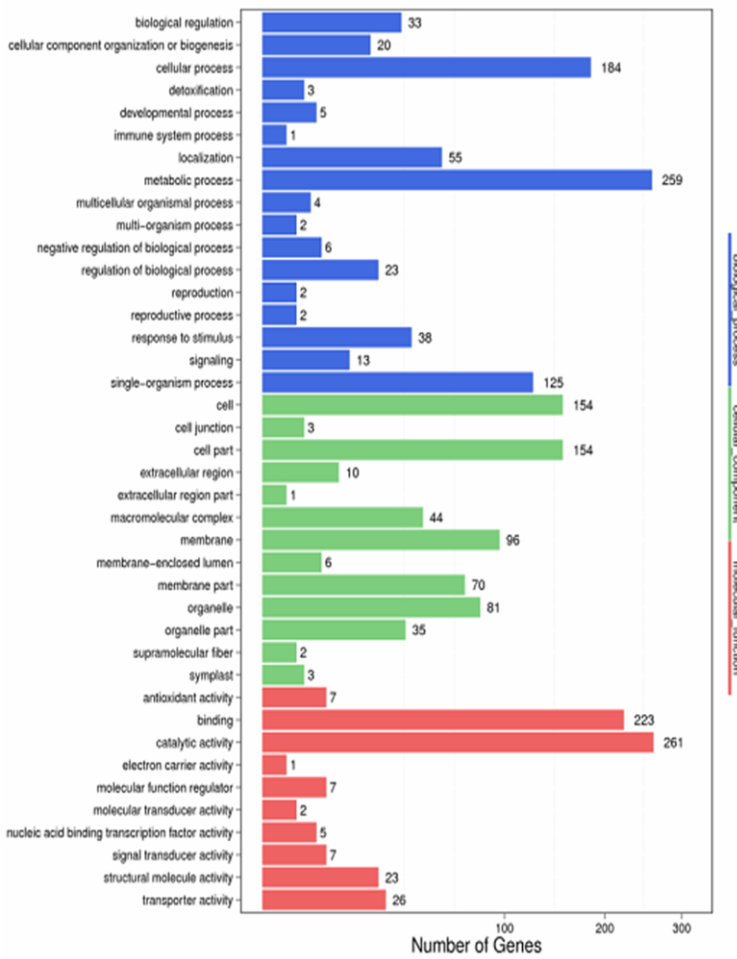
DS_d0vsDS-d1



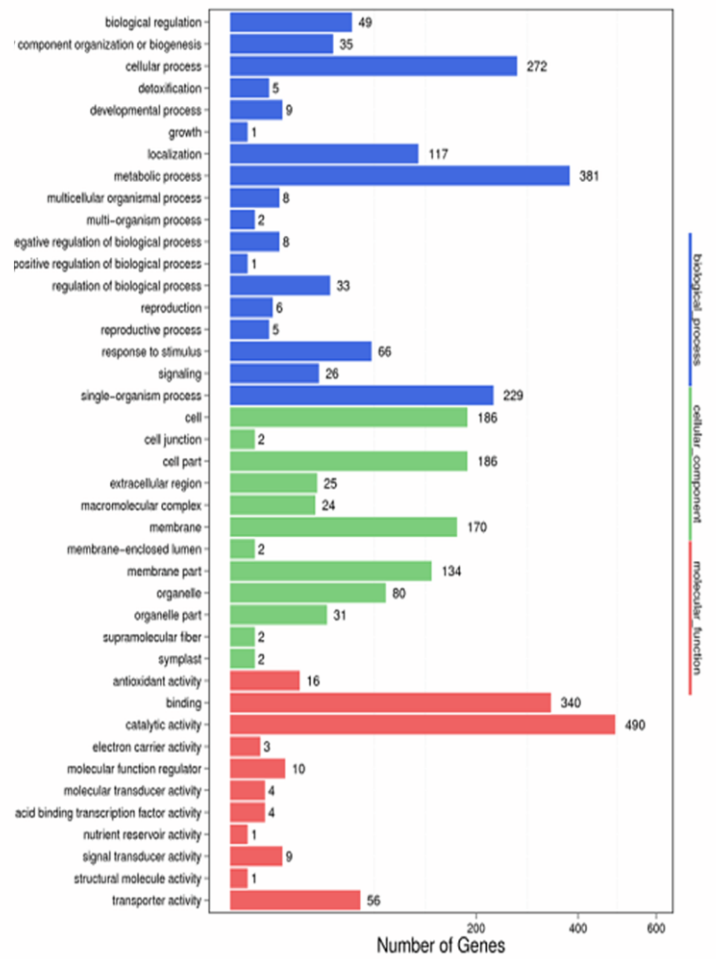
DS_d0vsDS-d2



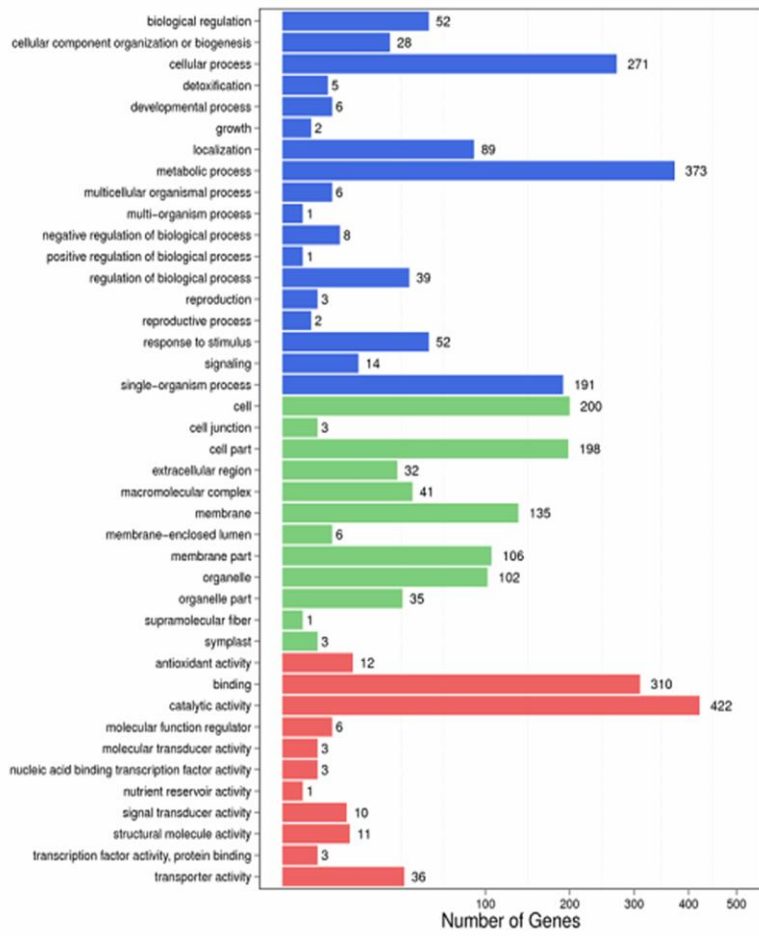
DS_d0vsDS-d3



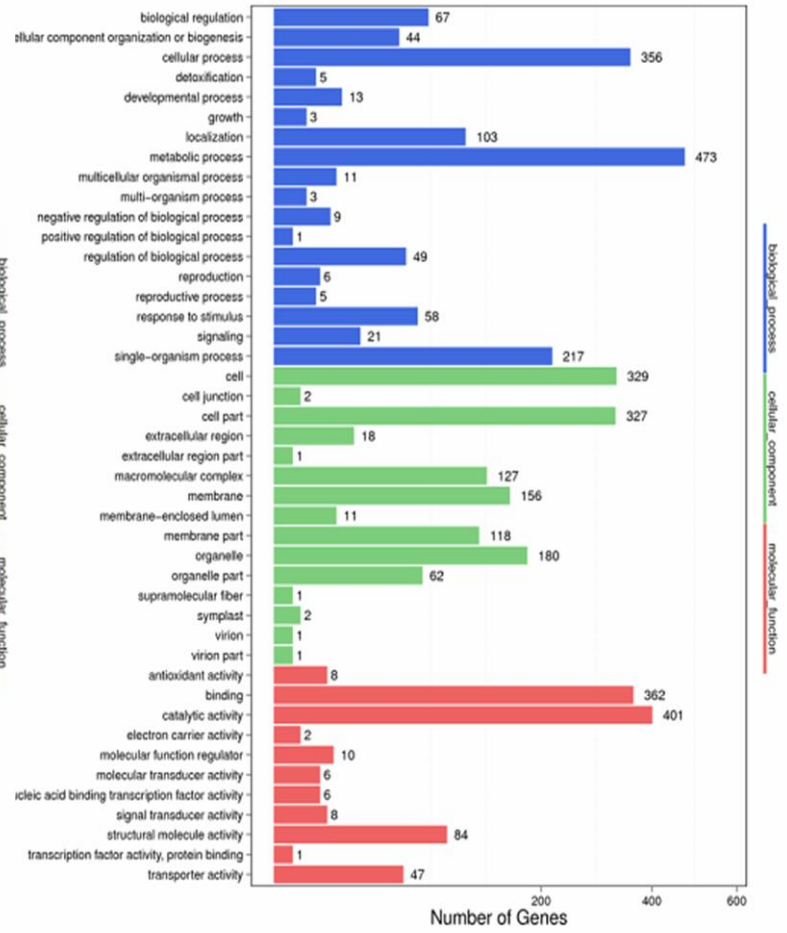
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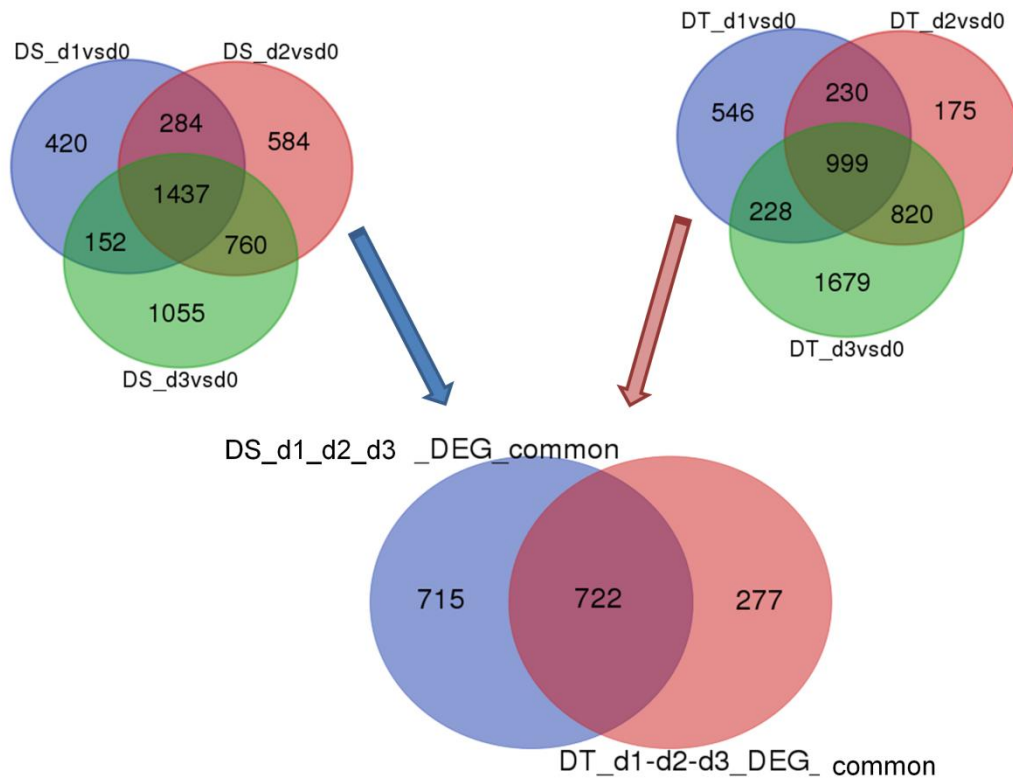
DT_d0vsDT-d2



DT_d0vsDT-d3



Supplementary Figure S5. Venn diagram depicting the core gene set involved in sesame response to drought



Supplementary Figure S6. Validation of selected differentially expressed genes by quantitative real-time PCR

