



Additional file 8. Validation of the microarray gene expression by RT-qPCR. RT-qPCR was performed in Trincadeira and Touriga Nacional leaf samples from individual abiotic stresses. Gene expression for the five most up and down-regulated genes in the individual abiotic stress in both cultivars by RT-qPCR analysis. Genes more up or down regulated after water deficit (blue); after light stress (light green); after heat stress (red), after field experiments (purple). Gene annotation as in Tables 2 and 3; r, correlation coefficient.