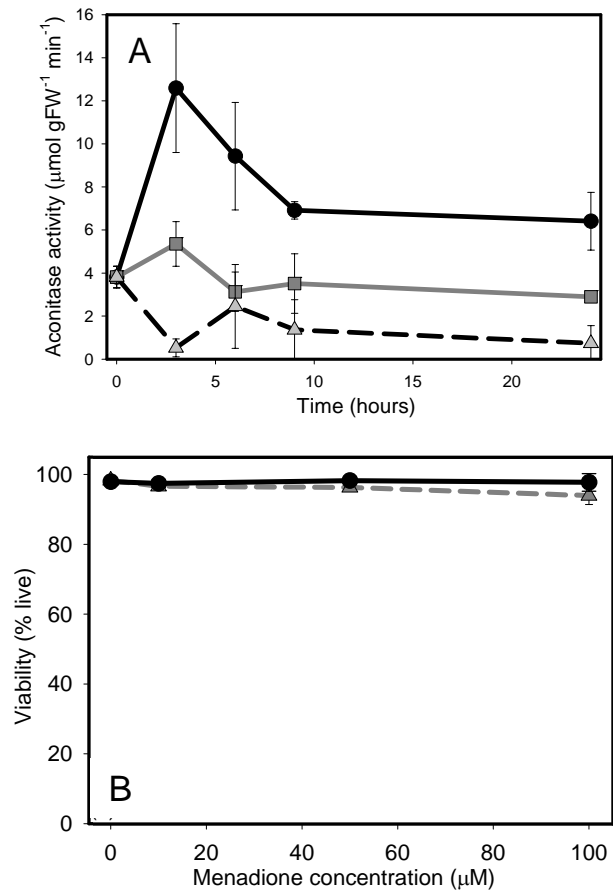
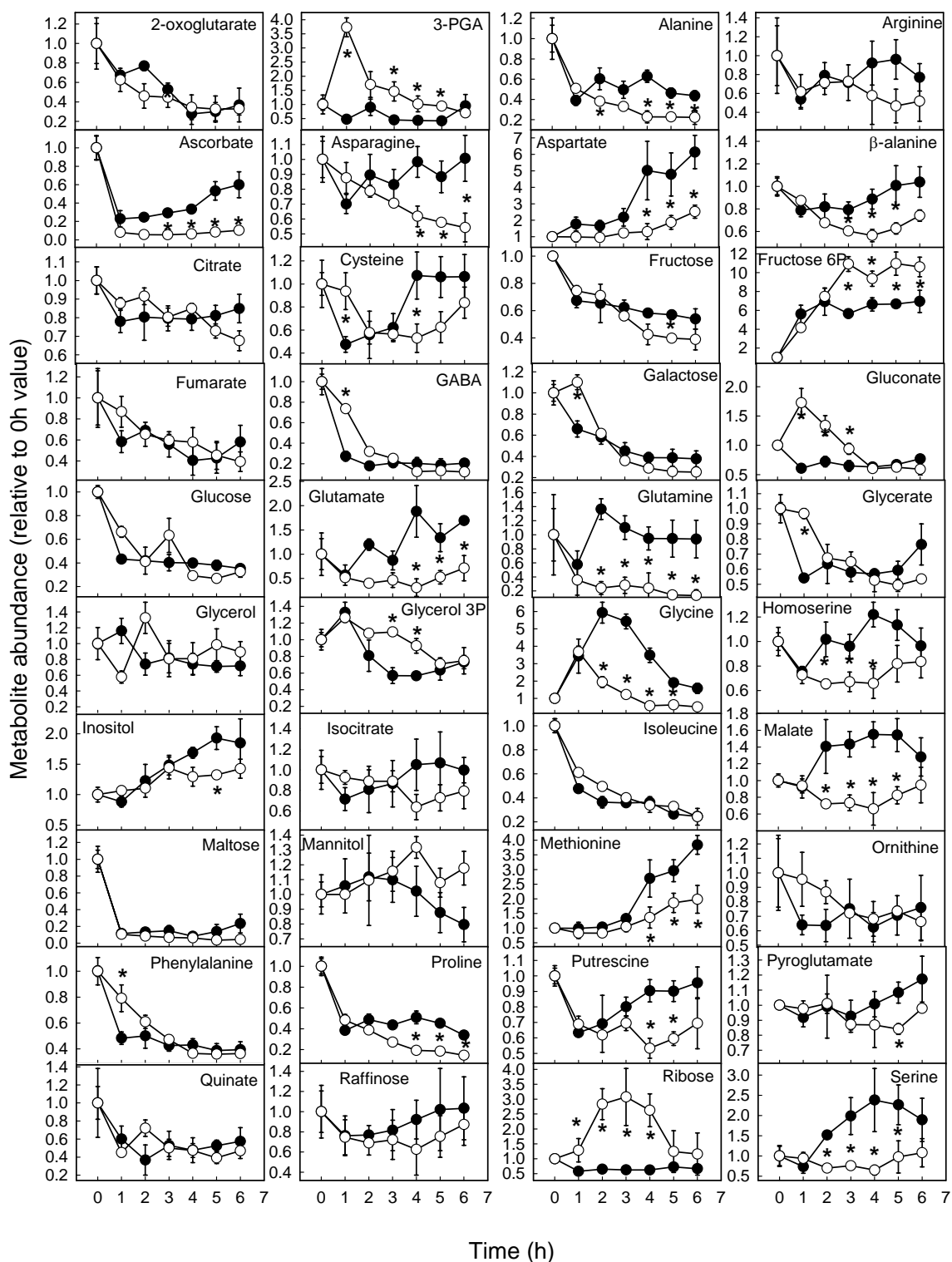


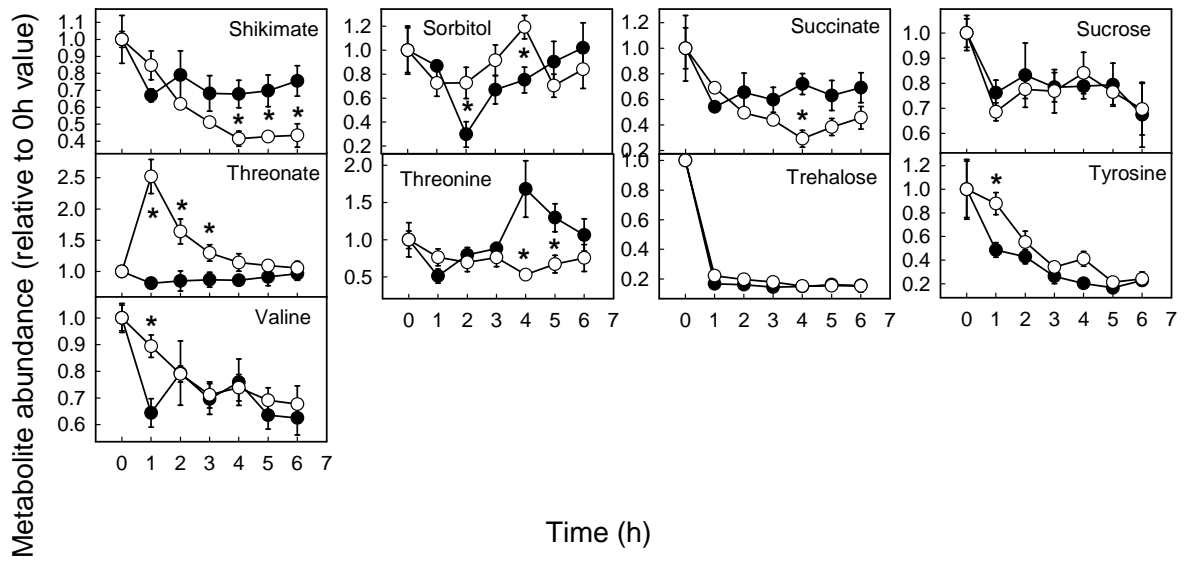
Supplemental Figures



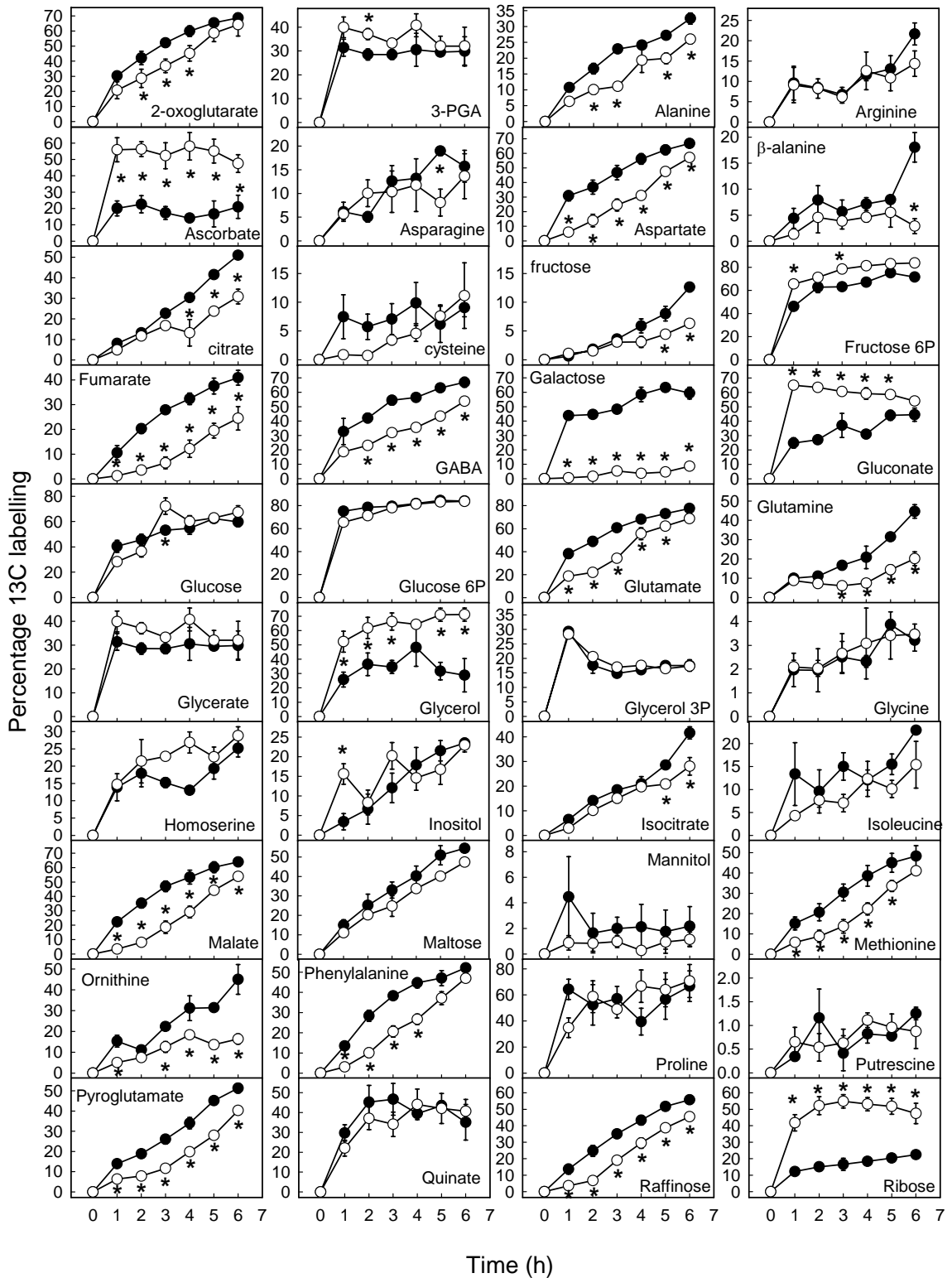
Supplemental figure 1. Optimisation and characterisation of Arabidopsis cell suspension culture stress treatments. Oxidative stress was imposed by the addition of in the form of 60 μM (—■—) or 125 μM (—△—) menadione resulted and is compared to control cells (—●—). A, aconitase activity over a 24 h timecourse. B, cell viability 24h after treatment



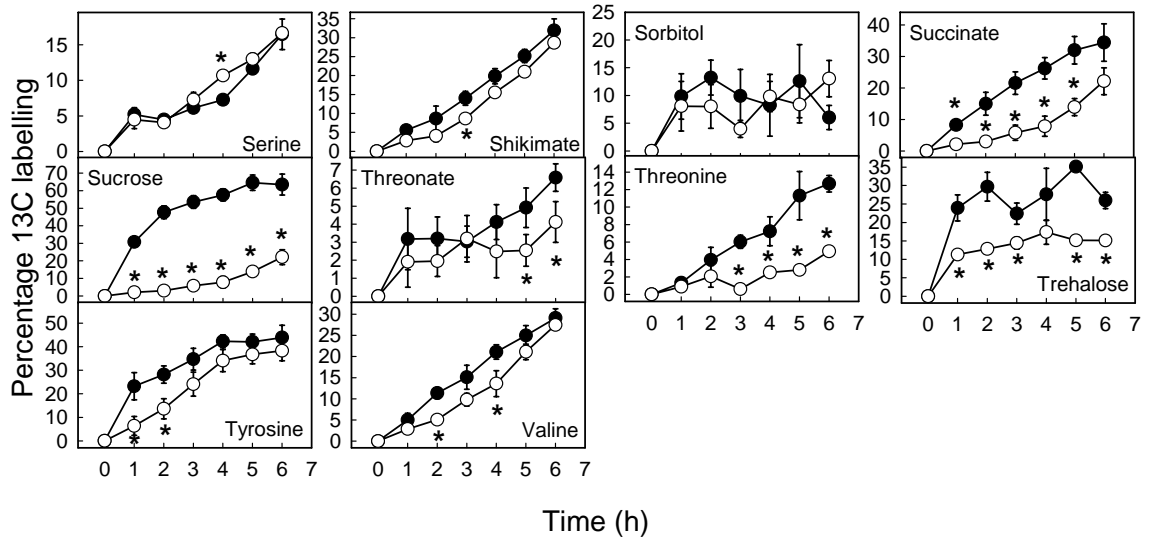
Supplemental Figure 2. Time series of metabolite abundances following oxidative stress treatment. Closed symbols, untreated (control); open symbols, menadione treated (oxidative stress). All values are the mean of 4 independent replicates \pm s.e.m. * indicates significantly different from control (*t*-test, $P < 0.05$).



Supplemental Figure 2 (continued).



Supplemental Figure 3. Time series of ¹³C labelling of metabolites in cells incubated with [U-¹³C]glucose. Closed symbols, untreated (control); open symbols, menadione treated (oxidative stress). All values are the mean of 4 independent replicates ± s.e.m. * indicates significantly different from control (*t*-test, *P*<0.05).



Supplemental Figure 3 (continued)