



S5 Fig. Stability of 2,4-D, 2,4-D-Asp and 2,4-D-Glu in short-term chemical treatments. Solid media (half-strength Murashige and Skoog, sucrose 1%, agar 0.7%, pH 5.7) were treated with 2,4-D and 2,4-D-Asp/2,4-D-Glu at the final concentrations 1 μM and 10 μM , respectively, and transferred to microcentrifuge tubes. After 5 min, 30 min and 3 hours of incubation in the growth chamber (16/8 h of light/dark, 23°C), the media (200 μl) were melted in a microwave oven, diluted by a factor of 10 and analyzed by the UHPLC-ESI(-)-MS/MS. The concentration for all metabolites is in pmol g^{-1} FW. Samples were analyzed in four independent biological replicates, and error bars represent the SD. Statistical analysis was performed using ANOVA & comparison of means (Tukey's test) and showed no significant differences in means.