

ABA signalling and metabolism are not essential for dark-induced stomatal closure but affect response speed

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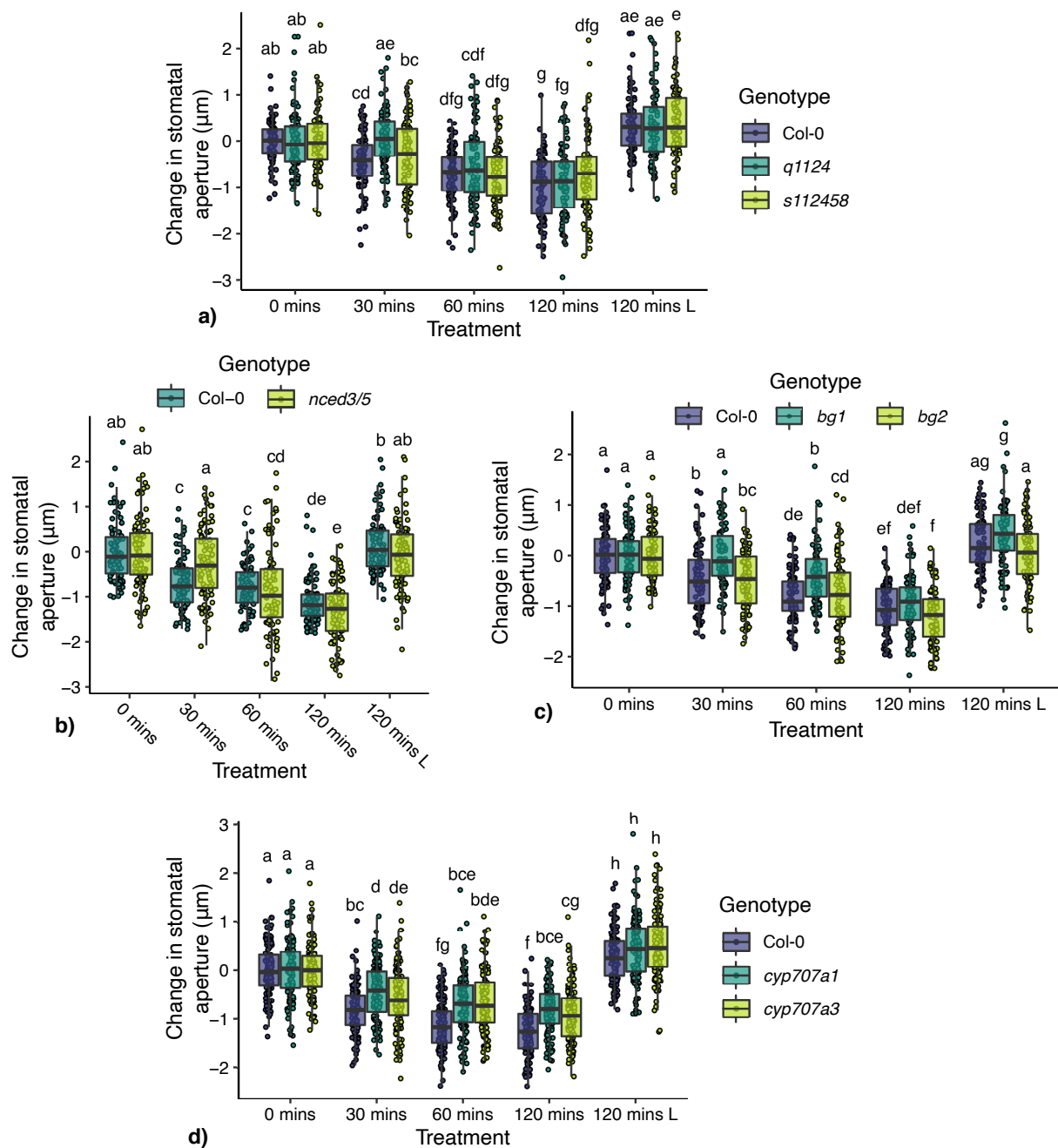
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Supplementary Figure Legends

Supplementary Figure 1 Absolute change in stomatal aperture of ABA signalling, biosynthesis and degradation mutants to darkness

The absolute change in leaf disc stomatal aperture relative to time 0 for **a)** ABA receptor mutants (*q1124* and *s112458*), **b)** *nced3/5*, **c)** ABA activation mutants (*bg1* and *bg2*) and **d)** ABA degradation mutants (*cyp707a1* and *cyp707a3*) over a 120 min time course in response to darkness (absolute apertures are presented in Fig. 1). 120 mins L represents leaf discs left in light over the 120 min time course. n = 90 from 9 individual plants over 3 independent experiments. Data is presented in boxplots showing the median and interquartile range of each group. The upper and lower whiskers represent data within 1.5 * the interquartile range. All data values are represented by points. Data statistically analysed using 2-way ANOVA with Tukey multiple comparison tests, letters denote significant differences at $p < 0.05$.

Supplementary Figures



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The absolute change in leaf disc stomatal aperture relative to time 0 for **a)** ABA receptor mutants (*q1124* and *s112458*), **b)** *nced3/5*, **c)** ABA activation mutants (*bg1* and *bg2*) and **d)** ABA degradation mutants (*cyp707a1* and *cyp707a3*) over a 120 min time course in response to darkness (absolute apertures are presented in Fig. 1). 120 mins L represents leaf discs left in light over the 120 min time course. n = 90 from 9 individual plants over 3 independent experiments. Data is presented in boxplots showing the median and interquartile range of each group. The upper and lower whiskers represent data within 1.5 * the interquartile range. All data values are represented by points. Data statistically analysed using 2-way ANOVA with Tukey multiple comparison tests, letters denote significant differences at p < 0.05.