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Functional Plant Biology

Supplementary Material

A small-scale spatial heterogeneity in photochemical reflectance index and intensity of reflected light at 530 nm in pea (*Pisum sativum*) leaves is sensitive to action of salinization

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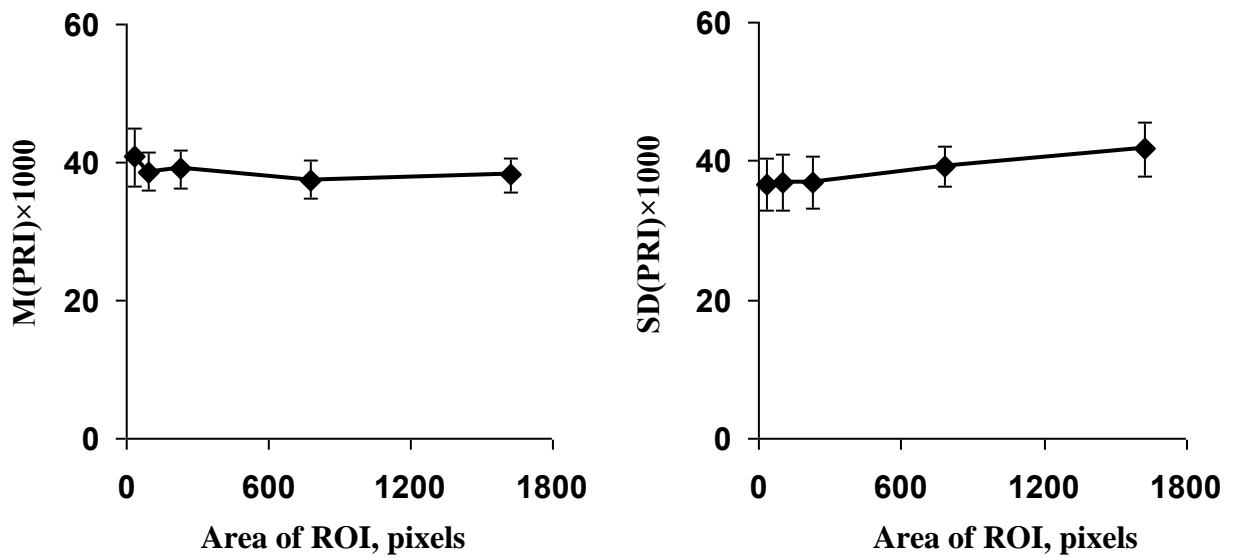
a**b**

Figure S1. (a) Examples of ROIs with areas equaling to 32, 97, 228, 780, and 1626 pixels (about 1.8, 5.3, 12.6, 43.0, and 89.6 mm²). (b) Dependences of the mean photochemical reflectance index value (M(PRI)) and standard deviation of PRI (SD(PRI)) on area of ROI ($n=8$). Pea plants cultivated under open-ground conditions were used.

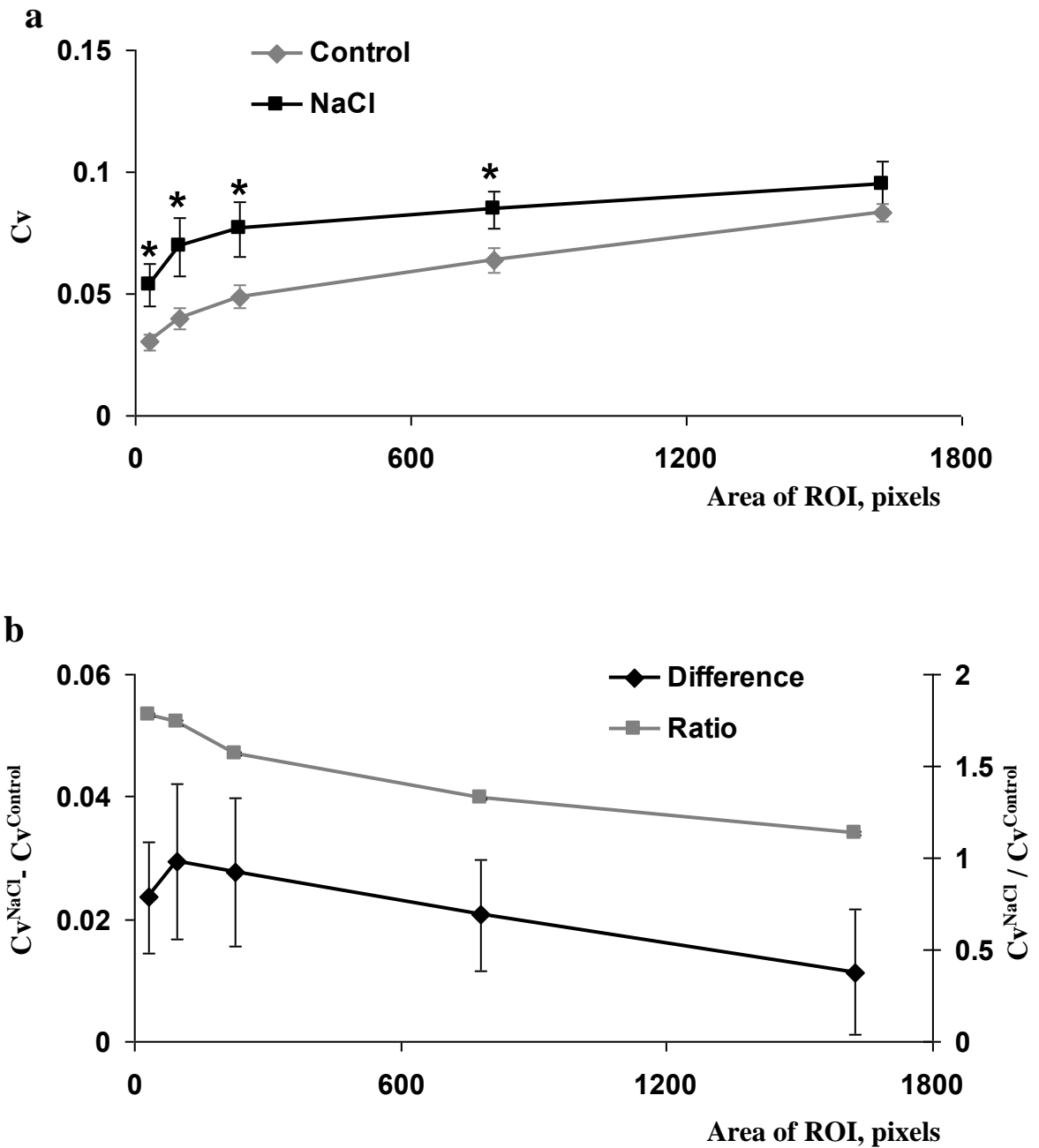


Figure S2. (a) Dependence of coefficient of variation of the reflected light intensity at the 530 nm wavelength (C_v) on area of ROI in control pea plants and in plants after 12 days of cultivation under the 400 mM NaCl treatment. *, difference between control and experimental C_v were significant ($p < 0.05$). (b) Dependence of difference and ratio between experimental and control C_v (C_v^{NaCl} and $C_v^{Control}$) on area of ROI. Pea plants cultivated under open-ground conditions were used ($n=8$). ROIs were 32, 97, 228, 780, and 1626 pixels (about 1.8, 5.3, 12.6, 43.0, and 89.6 mm²).