

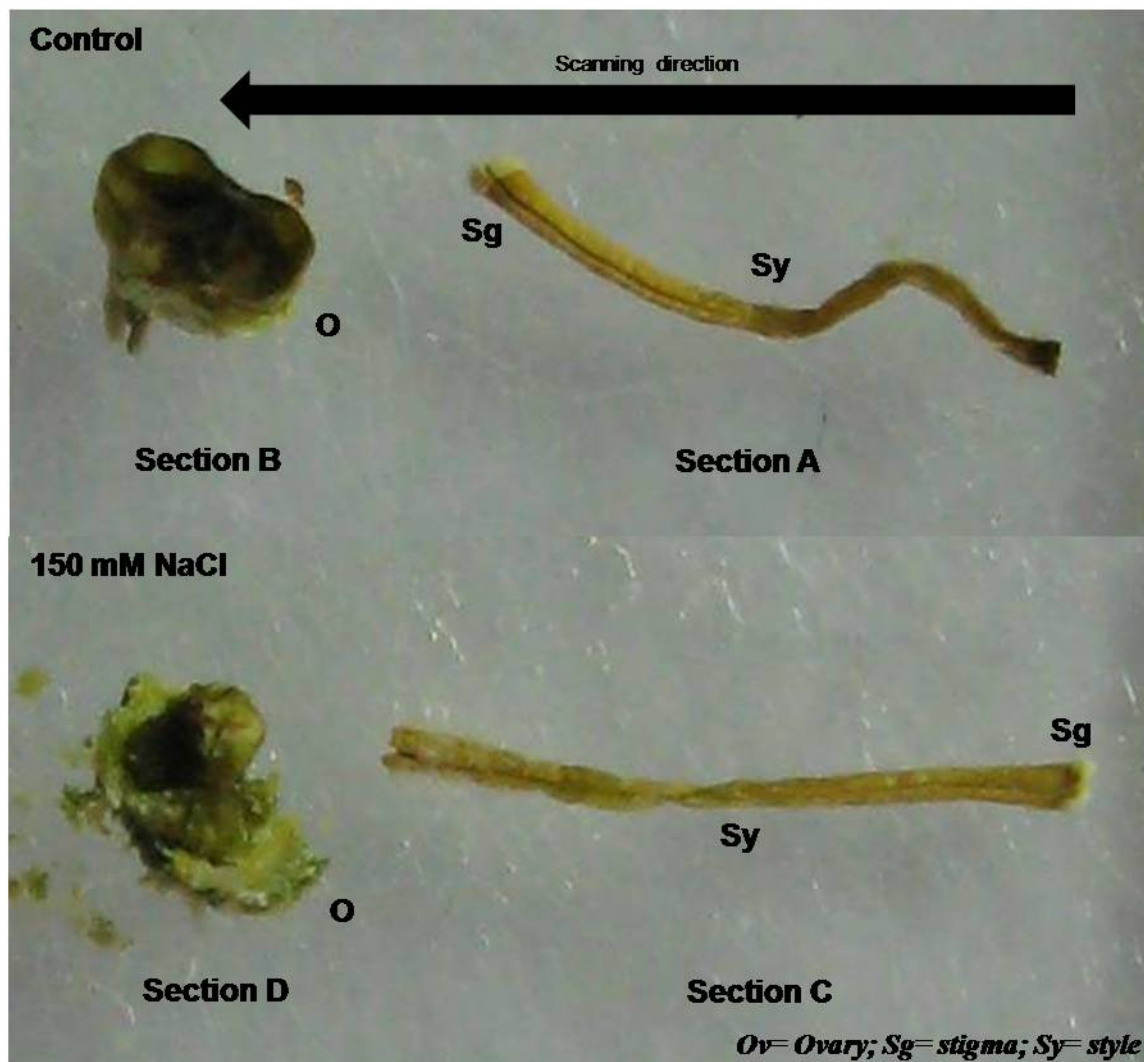


Fig. S1. Scanning directions of Laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) microanalysis of style, stigma and ovaries of a flower bud in the first inflorescence of tomato (*S. lycopersicum* L. cv. Ailsa Craig) plants grown on a control nutrient solution or subjected to a 10-day 150 mM NaCl stress starting at the day 38 from sowing. (A): scan from style to end of stigma (control), (B): scan on ovaries (control) ; (C): scan from stigma to end of style (150 mM NaCl) ; (D): scan on ovaries (150 mM NaCl). Ov, ovary ; Sg, stigma; St, Style.