10.1071/FP16280_AC

Supplementary Material: *Functional Plant Biology*, 2017, 44(5), 480–492.

Supplementary Material

In vivo inhibition of polyamine oxidase by a spermine analogue, MDL-72527, in tomato exposed to sublethal and lethal salt stress

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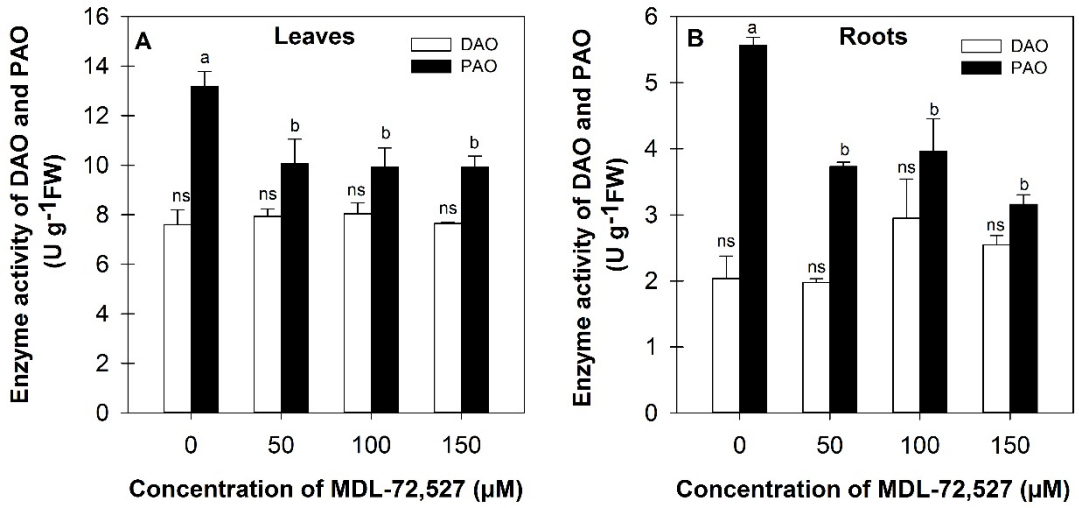

Fig. S1. *In vitro* effect of N^1,N^4-*bis*-(2,3-butadienyl)-1,4-butanediamine (MDL-72527) on DAO (white bars) and PAO (black bars) activity in homogenised (*a*) leaf and (*b*) root tissue extracts prepared from 6-week-old tomato plants exposed to 250 mM NaCl for 1 h. Means ± s.e. (n = 9). Bars denoted by different letters indicate significant differences between the control samples and the samples treated with 50, 100 or 150 µM MDL-72527 at $P \leq 0.5$ (Duncan's multiple range test).

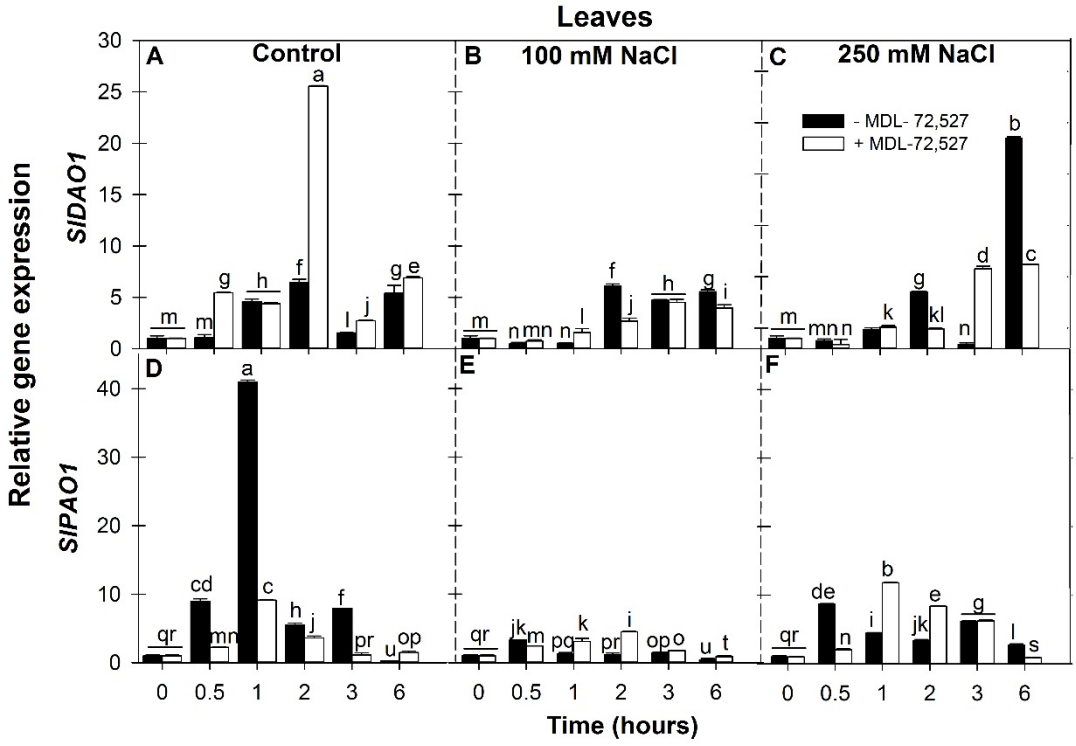

Fig. S2. Changes in the relative expression levels of the (*a*, *b*, *c*) *SlDAO1* and (*d*, *e*, *f*) *SlPAO1* genes as a function of time in the leaves of (*a*, *d*) control tomato plants or in plants exposed to (*b*, *e*) 100 mM or (*c*, *f*) 250 mM NaCl in the presence or absence of 50 µM N^1,N^4-*bis*-(2,3-butadienyl)-1,4-butanediamine (MDL-72527) (black bars, without MDL; white bars, with MDL). Means ± s.e. (n = 3). Bars denoted by different letters indicate significant differences at $P \leq 0.5$ (Duncan's multiple range test).