

Transcription strength and halophytic lifestyle

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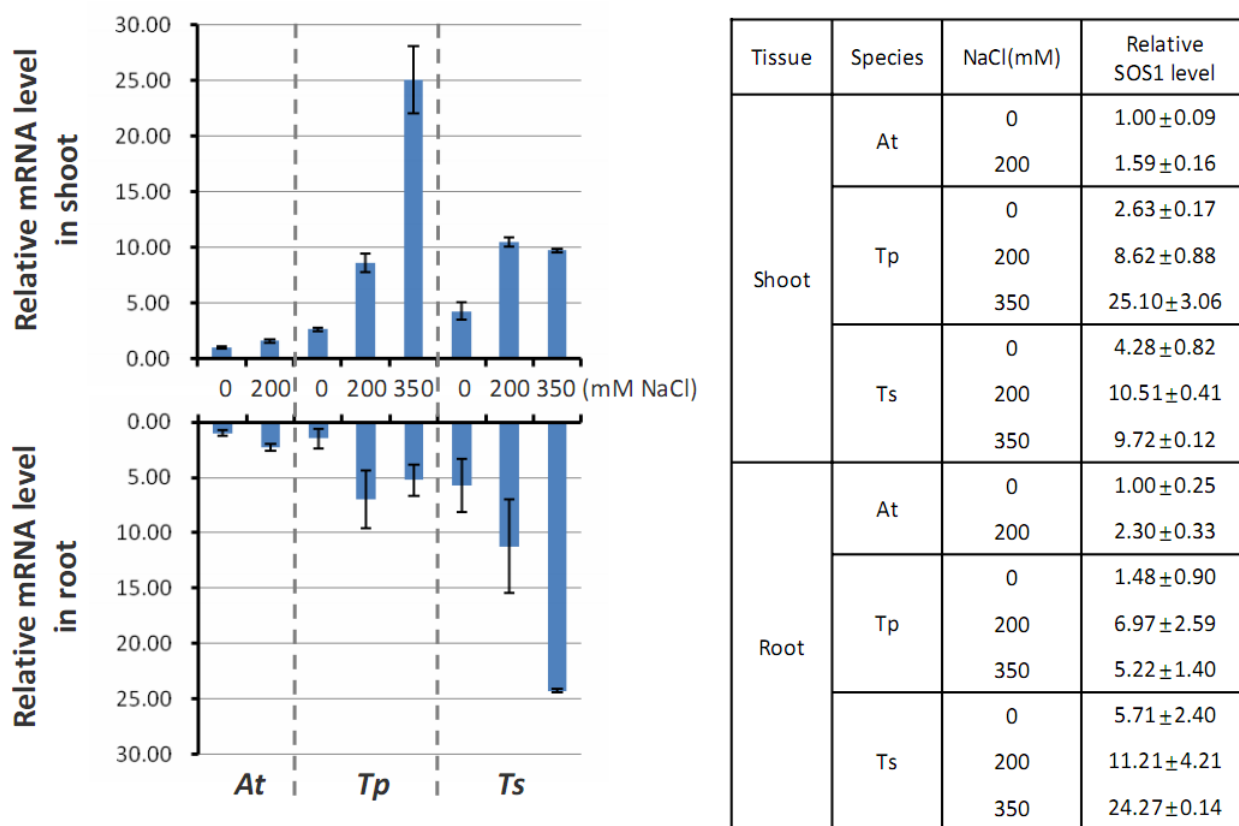


Figure S1. Expression of SOS1 genes in *Arabidopsis thaliana* (At), *Thellungiella salsauginea* (Ts), and *Thellungiella parvula* (Tp). Steady-state transcript amounts as determined by quantitative RT-PCR (see: [S1, S3]). Salinity levels were 150 mM NaCl for all three species, and, additionally, 350 mM NaCl for the two *Thellungiella* species. Plants were grown in one-tenth Hoagland's solution [S1,S2,S3].

Supplementary references

- S1 Oh, D.H. *et al.* (2009) Loss of halophytism by interference with SOS1 expression. *Plant Physiol.* 151, 210-222
- S2 Taji, T. *et al.* (2004) Comparative genomics in salt tolerance between *Arabidopsis* and *Arabidopsis*-related halophyte salt cress using *Arabidopsis* microarray. *Plant Physiol.* 135, 1697-1709
- S3 Oh, D.H. *et al.* (2010) Genome structures and halophyte-specific gene expression of the extremophile *Thellungiella parvula* in comparison to *Thellungiella salsauginea* (*T. halophila*) and *Arabidopsis thaliana*. *Plant Physiol.* e-pub: September 10, 2010