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Expression of a Na^+/H^+ antiporter *RtNHX1* from a recretohalophyte *Reaumuria trigyna* improved salt tolerance of transgenic *Arabidopsis thaliana*

Running title

Reaumuria trigyna Na^+/H^+ antiporter gene

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Abstract

Reaumuria trigyna is an endangered recretohalophyte and a small xeric shrub that is endemic to the eastern Alxa and western Ordos areas of Inner Mongolia, China. Using transcriptome data, we identified a 1,662-bp open reading frame encoding a 553-amino-acid protein corresponding to a Na^+/H^+

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