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*Functional Plant Biology*

**Supplementary Material**

# Unravelling the physiological basis of salinity stress tolerance in cultivated and wild rice species

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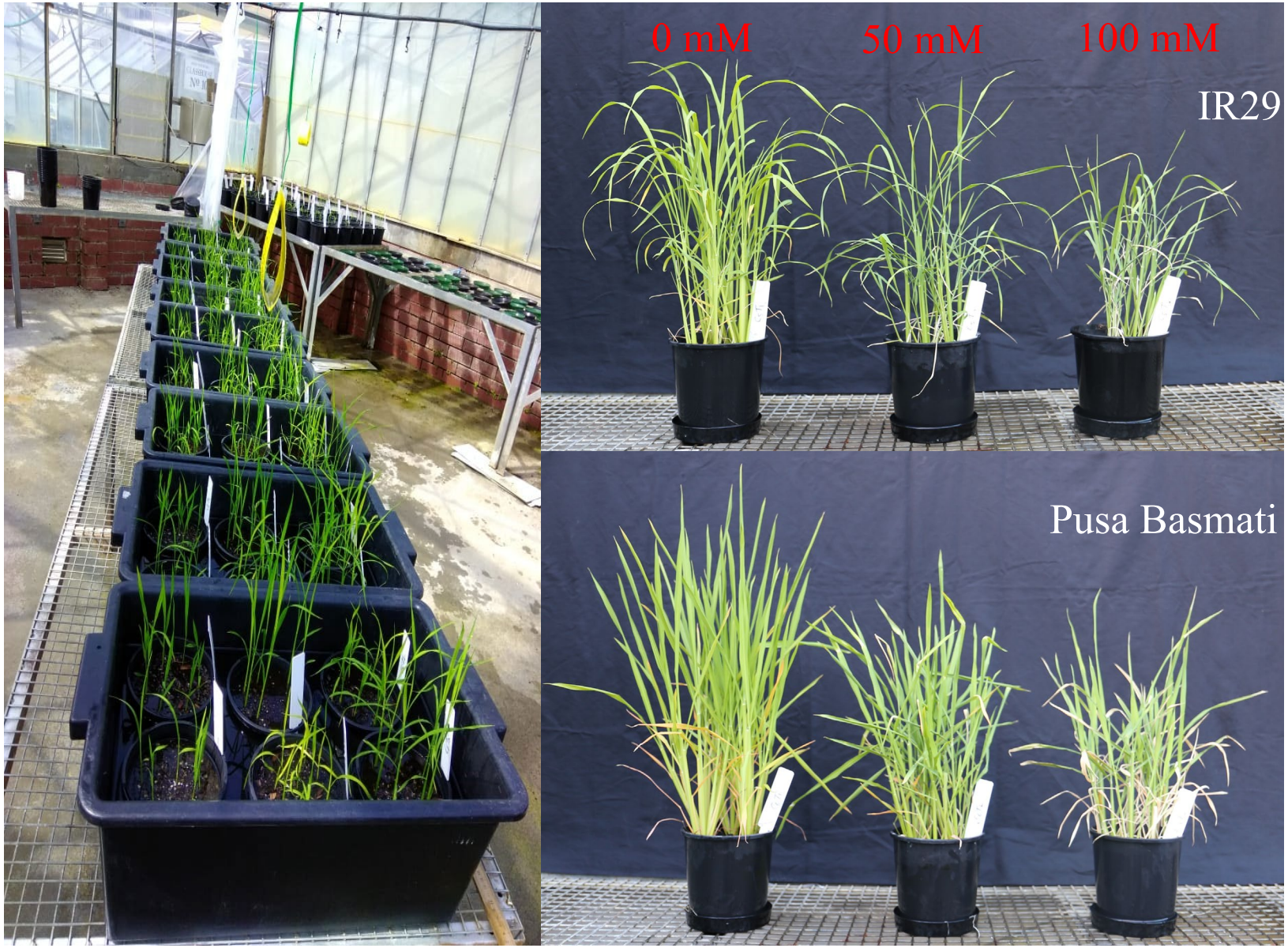



**Figure S1:** Experimental layout of 10 rice accessions (6 cultivars and 4 wild rice species) exposed to different salt concentrations (0, 50, and 100 mM NaCl) for three weeks.

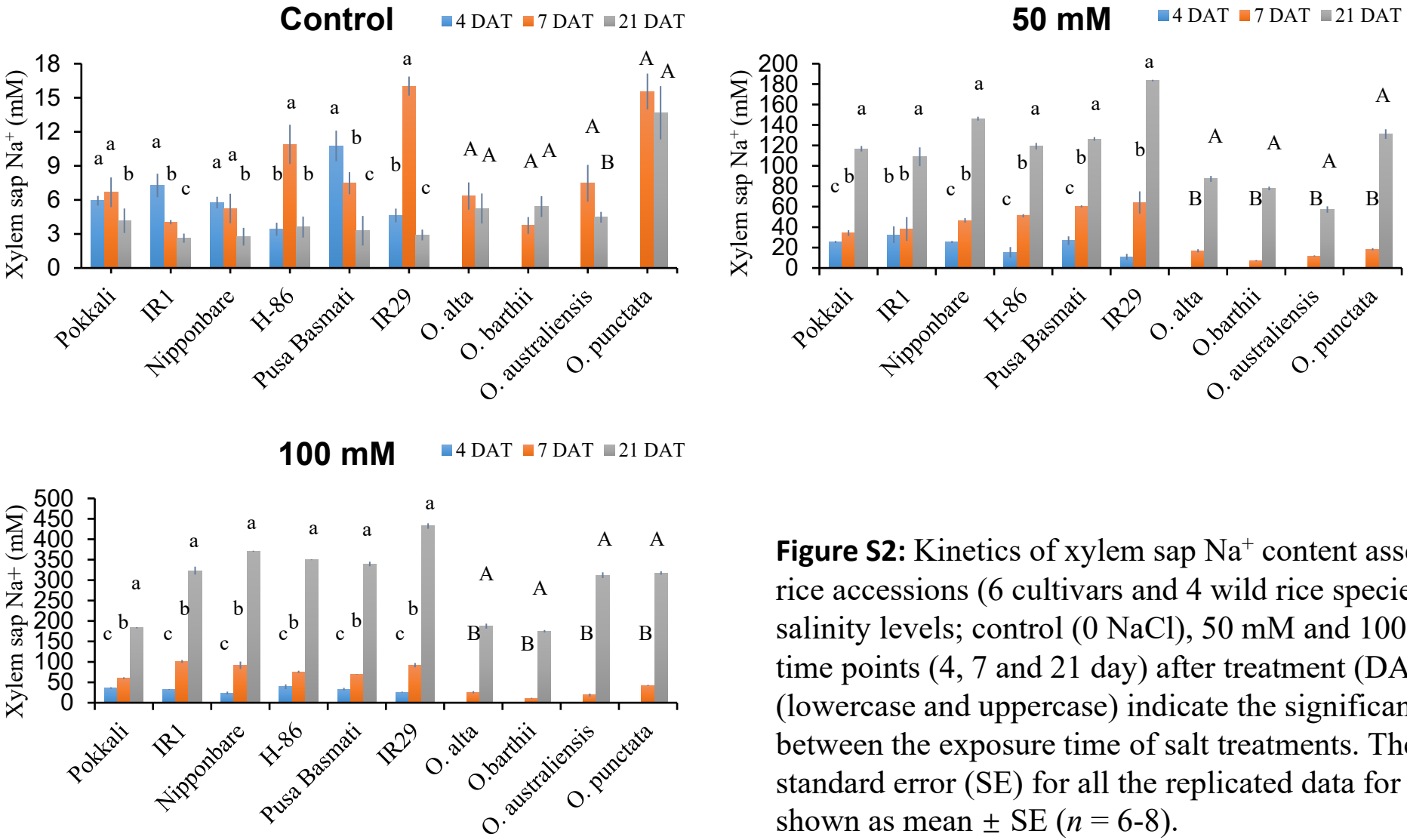
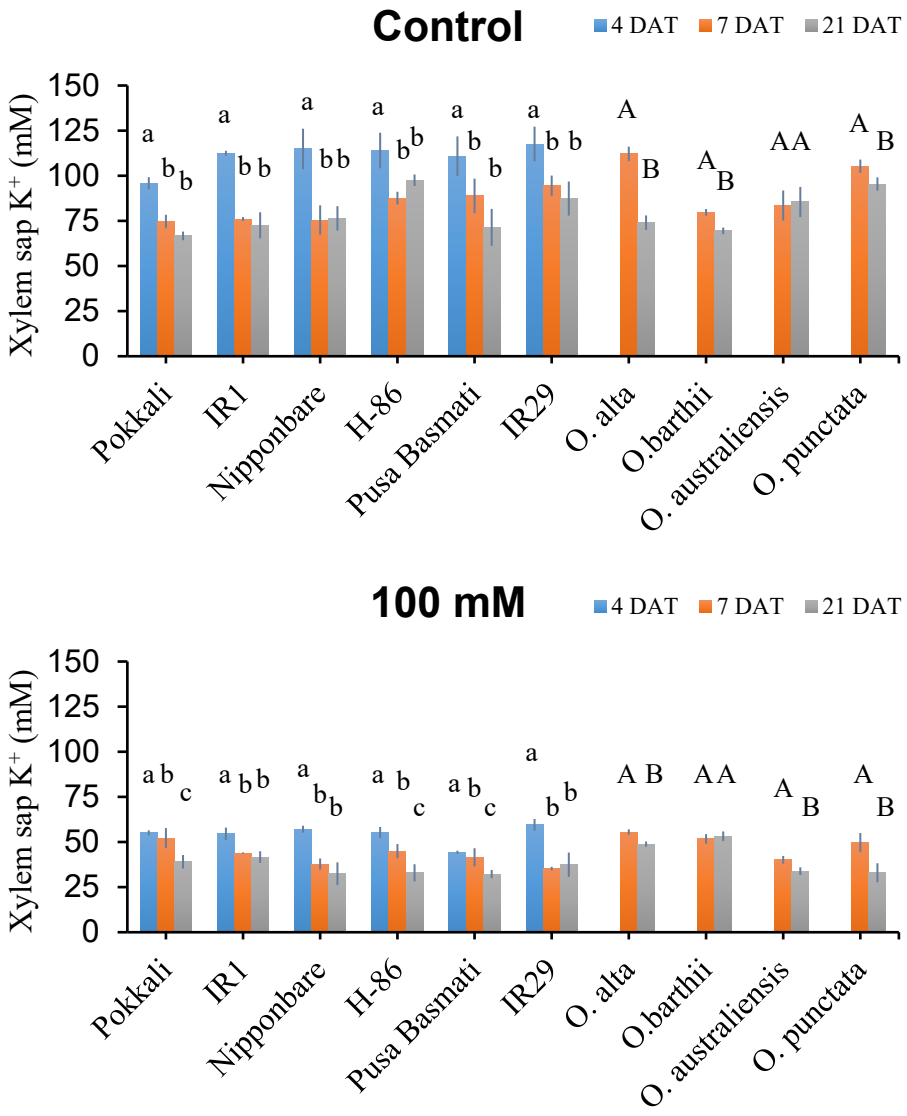



**Figure S2:** Kinetics of xylem sap $Na^+$ content assessed in 10 different rice accessions (6 cultivars and 4 wild rice species) grown at three salinity levels; control (0 NaCl), 50 mM and 100 mM NaCl at three time points (4, 7 and 21 day) after treatment (DAT). Different letters (lowercase and uppercase) indicate the significant difference ($P < 0.05$) between the exposure time of salt treatments. The error bars indicate the standard error (SE) for all the replicated data for each treatment. Data shown as mean ± SE ($n$ = 6-8).



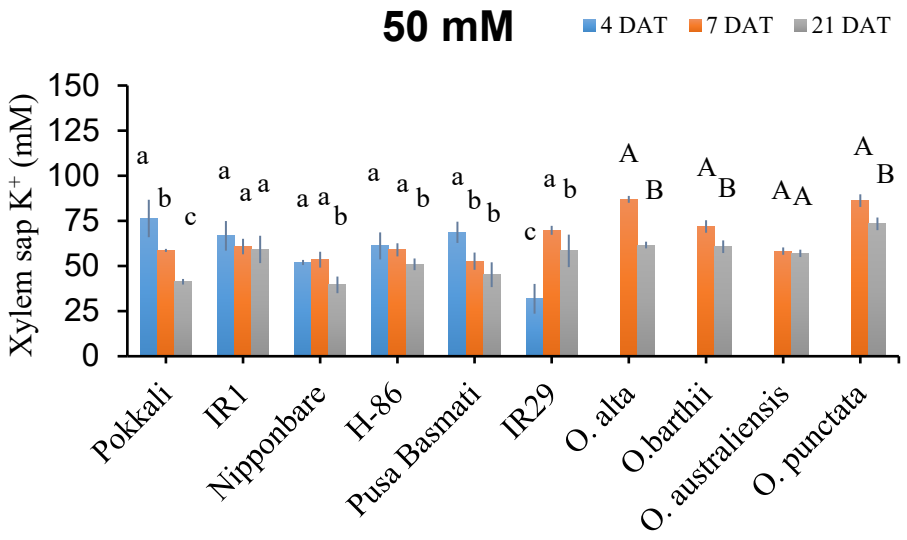







**Figure S3:** Kinetics of xylem sap $K^+$ content assessed in 10 different rice accessions (6 cultivars and 4 wild rice species) grown at three salinity levels; control (0 NaCl), 50 mM and 100 mM NaCl at three time points (4, 7 and 21 day) after treatment (DAT). Different letters (lowercase and uppercase) indicate the significant difference ($P < 0.05$) between the exposure time of salt treatments. The error bars indicate the standard error (SE) for all the replicated data for each treatment. Data shown as mean ± SE ($n$ = 6-8).