



Supplemental Figure. E1 shows lower sodium accumulation under salinity stress compared with C5 and K86. (A) Representative images of CoroNa Green staining in the different root developmental zones in E1, C5 and K86 treated with 0mM, 50 mM, 150 mM NaCl for 13 days. Scale Bars, 100 $\mu$ m. (B) Quantification of sodium signal in the exodermis, (C) cortical parenchyma, and (D) endodermis shows lower fluorescent signal, etc. Values are means  $\pm$  SE (n = 15). Different lowercase letters indicate significant differences at P < 0.05, three-way ANOVA.

Supplemental Table 1. Primer sequences used in the RT-qPCR.

Gene	Primer direction	5'- 3' sequence
<i>ACTIN2</i>	sense	ATCATGAAGTGTGATGTGGATAT
<i>ACTIN2</i>	antisense	ACCTTAATCTTCATGCTGCTTGG
<i>NHX1</i>	sense	ACGTTGCAGGTGCTCAAT
<i>NHX1</i>	antisense	CACCACAGATGTAGCATCGTTA
<i>NHX2</i>	sense	TGCTAACCACTGGAGGGA
<i>NHX2</i>	antisense	TGGAACCCGGCATTGAAA
<i>SOS1</i>	sense	GGCATTTCGAATTTGGGCAAA
<i>SOS1</i>	antisense	TTTGTACCATACACCTCTTTATTTGG
<i>SOS2</i>	sense	GACCTGAAGCCCGAGAATC
<i>SOS2</i>	antisense	AAGACCAACTCCTTGTCAGG
<i>SOS3</i>	sense	GAAACACCCTTTACAGTGAATGAAG
<i>SOS3</i>	antisense	GAAATTCTTCCTTGTGGATAAGCC
<i>HKT1</i>	sense	TCTTTCATGCCAACCTTTCT
<i>HKT1</i>	antisense	GCCTAGTAGTTCTTGGCTTTGT
<i>SAL1</i>	sense	CTCTCCTCTGCCAGAAGGTA
<i>SAL1</i>	antisense	CAAGAGCCTGTGAACCGTAA
<i>P5CS1</i>	sense	CGCATCGTTCTCAAGGTTG
<i>P5CS1</i>	antisense	TTCAACTCCTTGAGCTGCTC
<i>ASFT1</i>	sense	AGCCCACCACTGCCAAAA
<i>ASFT1</i>	antisense	CATCTTGAACCAGCCCAACT
<i>KCS1</i>	sense	GTGGGAGATGGATTGAGTGAAG
<i>KCS1</i>	antisense	GCTGGAGTGTAGTGGTAGAAGCA
<i>C3H</i>	sense	ACAAGAGTGGTGGTGCCAAG
<i>C3H</i>	antisense	ACGGTTATGGCTGTGGTGTC