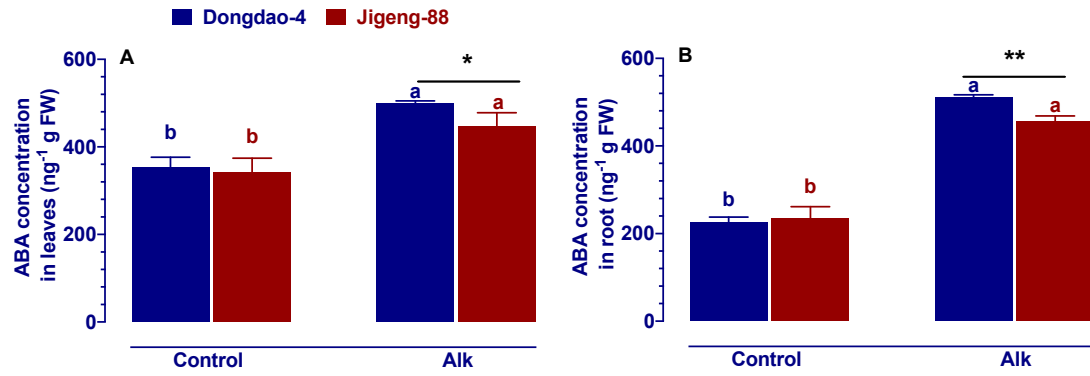


**Figure S1.** Effects of alkaline stress on Dongdao-4 and Jigeng-88 seedlings. (A) Growth performance. (B) Survival rate. One-week-old rice seedlings grown in normal culture solution were transferred to culture solution supplemented with 20 mM  $\text{NaHCO}_3$  and a pH of 8.5 for 2 days. Survival rate was measured after treatment with alkaline stress for one week. Alk=alkaline stress. Bars=10 cm. Data are means $\pm$ SE ( $n\geq 5$ ). Means with different letters are significantly different between control and alkaline stress of the same genotype ( $P<0.05$ ). Asterisks indicate significant differences between different genotypes within the same treatment (\*\* $P<0.01$ ).



**Figure S2.** ABA concentrations of (A) shoots and (B) roots of Dongdao-4 and Jigeng-88 seedlings grown in normal and saline-alkaline stress conditions. Two-week-old rice seedlings grown in normal culture solution were transferred to culture solution supplemented with 20 mM NaHCO<sub>3</sub> and a pH of 8.5 for 5 days. Alk=alkaline stress. Bars=10 cm. Data are means±SE ( $n \geq 5$ ). Means with different letters are significantly different between control and alkaline stress of the same genotype ( $P < 0.05$ ). Asterisks indicate significant differences between different genotypes within the same treatment (\* $P < 0.05$ , \*\* $P < 0.01$ ).

Table S1. Primers used for quantitative real-time PCR in this study

<b>Gene</b>	<b>Forward primer 5' → 3'</b>	<b>Reverse primer 5' → 3'</b>
<i>OsYUCCA1</i>	TCATCGGACGCCCTCAACGGGTCGC	GGCAGAGCAAGATTATCAGTC
<i>OsTAA1</i>	GTCCTGCCAAATAGGTTCTCA	TCACGCAGGCACTGATCTAC
<i>OsPIN1</i>	AGTACAAAGCTTGGGGGGAC	ATCTCTTGTCAGAATCGGCG
<i>OsGH3.2</i>	GCTAGACGACACAACGATATATAGCC	CTGATGCCCTCTGCCTTAAACAC
<i>OsGH3.8</i>	GTCCGAATAGTCGGTCAAATCC	TGCCACTAACTGACAGAGTTGACAG
<i>Actin</i>	ACCACAGGTATTGTGTTGGACTC	AGAGCATATCCTTCATAGATGGG