

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 NaHCO₃ 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±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 (** $P < 0.01$).

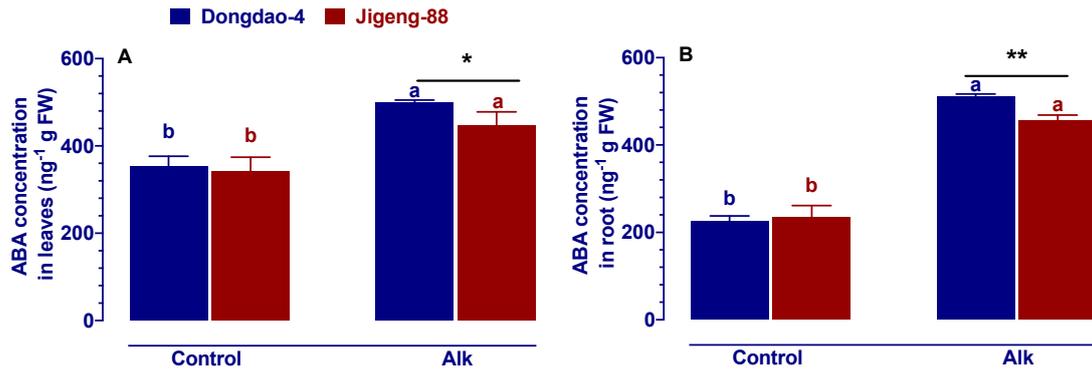


Figure S2. ABA concentrations of (A) shoots and (B) roots of Dongdao-4 and Jigeng-88 seedlings grown in normal and saline-alkaline stress conditions. Two-week-old rice seedlings grown in normal culture solution were transferred to culture solution supplemented with 20 mM NaHCO₃ and a pH of 8.5 for 5 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

Gene	Forward primer 5' → 3'	Reverse primer 5' → 3'
<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