

Figure S1. Expression pattern of *PmbZIP125*, *PmbZIP97*, *PmbZIP89* and *PmbZIP118*. Error bars are SD based on three biological replicates and three technical repeats. *: p value < 0.05.

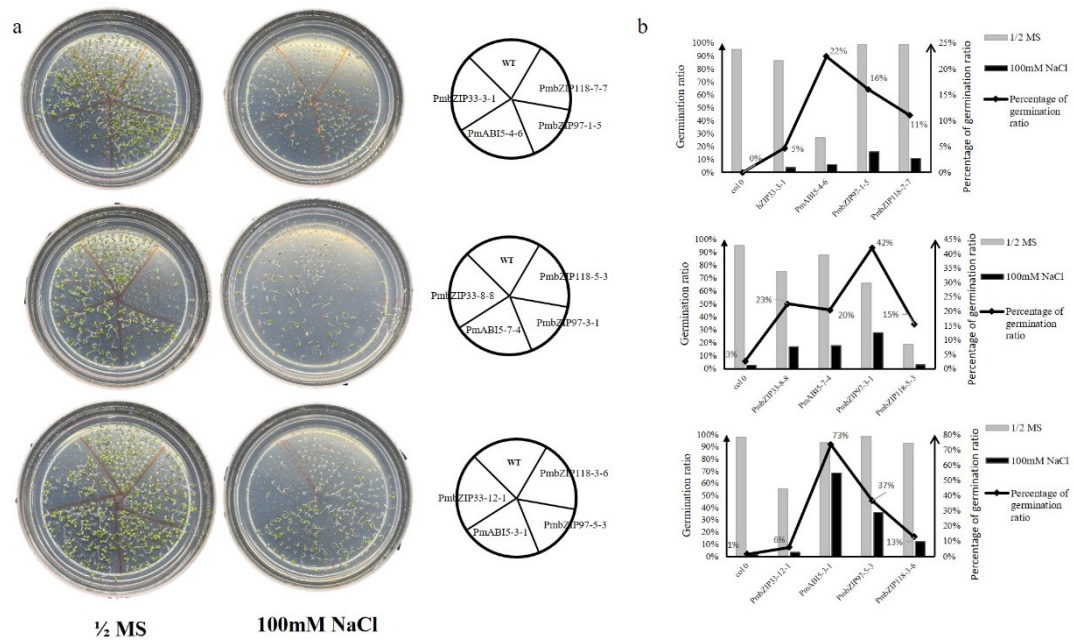


Figure S2. Germination of overexpression transgene lines. (a) OE:*PmABI5* germination phenotype on Day 8. (b) OE:*PmABI5* seed germination under different treatment. The left axis represents the germination ratio of different genotypes under $\frac{1}{2}$ MS and 100mM NaCl treatment (columns). The right axis represents the percentage germination ratio under 100mM NaCl treatment compared to that under $\frac{1}{2}$ MS condition. At least 50 seeds for each genotype were used for the germination assay.

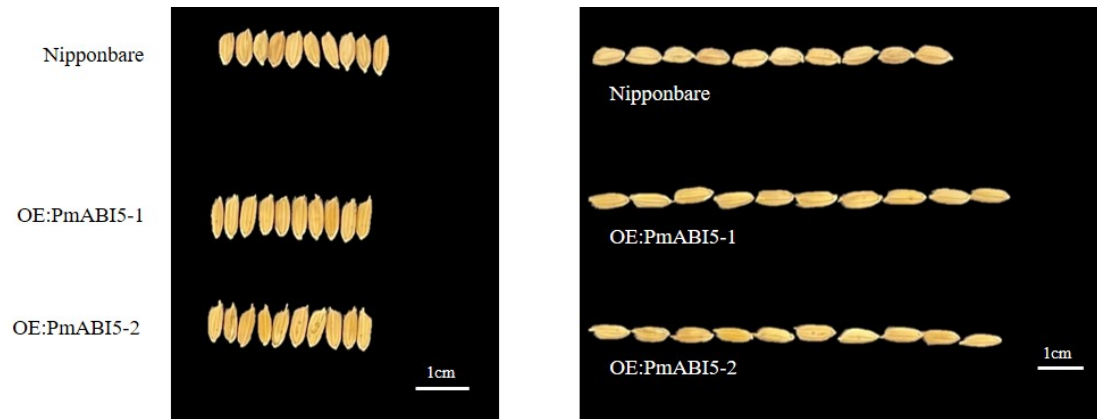


Figure S3. The seed size of PmABI5 rice overexpression transgene lines