

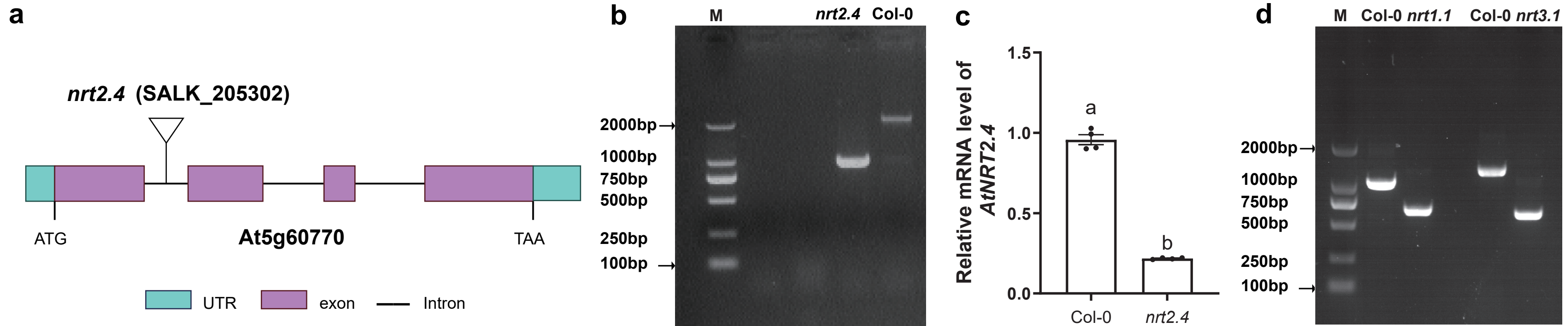


Fig. S5 Identification of homozygous mutants for *nrt2.4*, *nrt1.1* and *nrt3.1*. **a** Schematic representation of T-DNA insertion. **b** Confirmation of *nrt2.4* as a homozygous mutant using the three-primer PCR method. **c** Expression levels of *AtNRT2.4* in the roots of Col-0 and *nrt2.4* mutant under standard soil fertilization conditions. **d** Confirmation of *nrt1.1* and *nrt3.1* as homozygous mutants using the three-primer PCR method. Data represents mean $\pm$ SE ($n = 4$), and the letters above the horizontal lines are based on Tukey's HSD test ($p < 0.05$).