

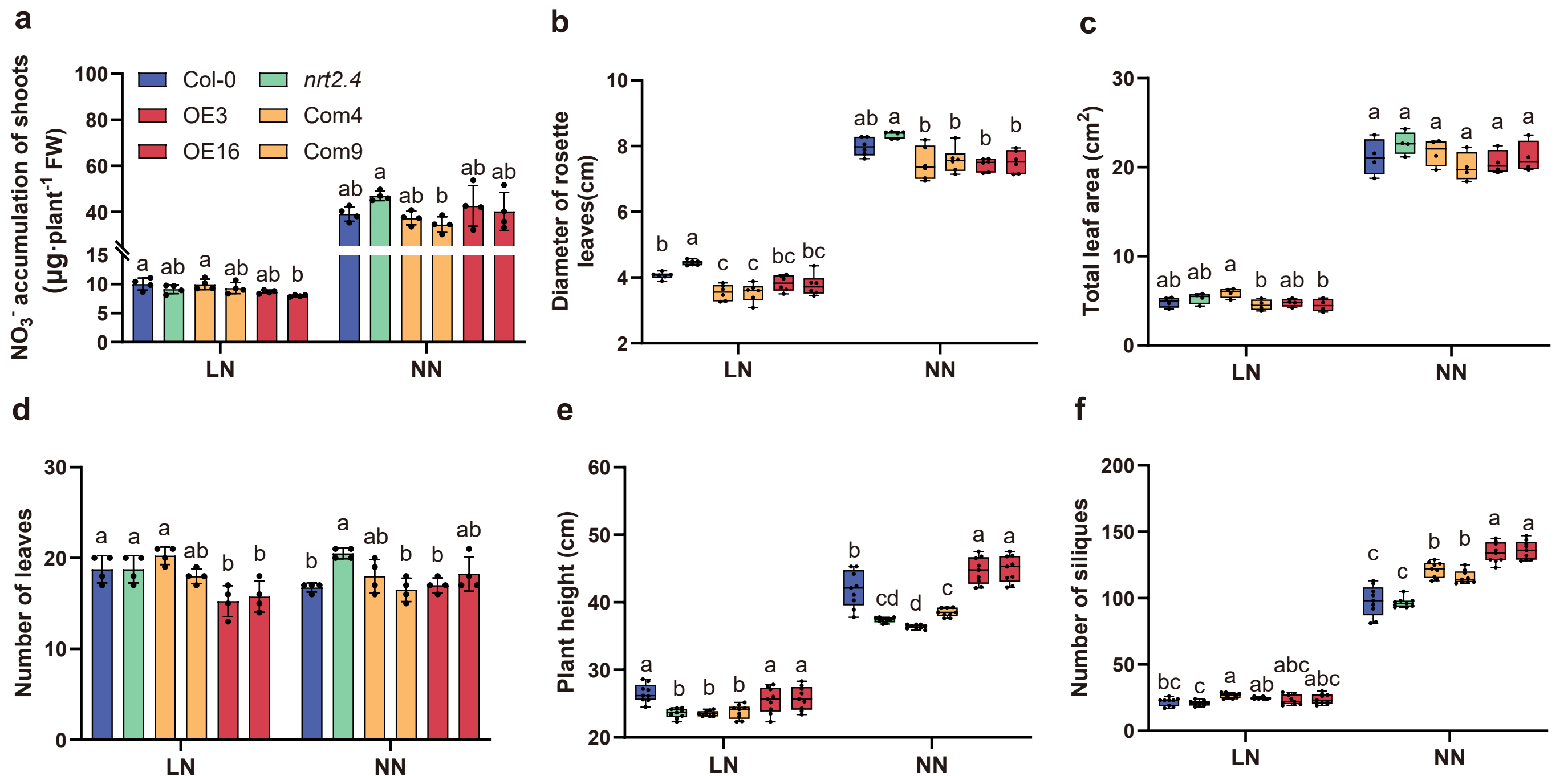


Fig. S3 Physiological and phenotypic traits of Col-0, *nrt2.4* mutant, and transgenic lines under low nitrate (LN) and normal nitrate (NN) pot culture conditions. **a** Accumulation of nitrate in the shoot parts of these lines under LN and NN pot conditions. **b** Rosette leaf diameter after 30 days of growth under LN and NN conditions. **c,d** Total leaf area and number of leaves per individual plant after 40 days of growth under LN and NN conditions. **e,f** Plant height and number of siliques of these lines after 40 days of growth under LN and NN pot conditions. Data represents mean $\pm$ SE. The letters above the horizontal lines are based on Tukey's HSD test ($p < 0.05$), with LN and NN groups comparisons.