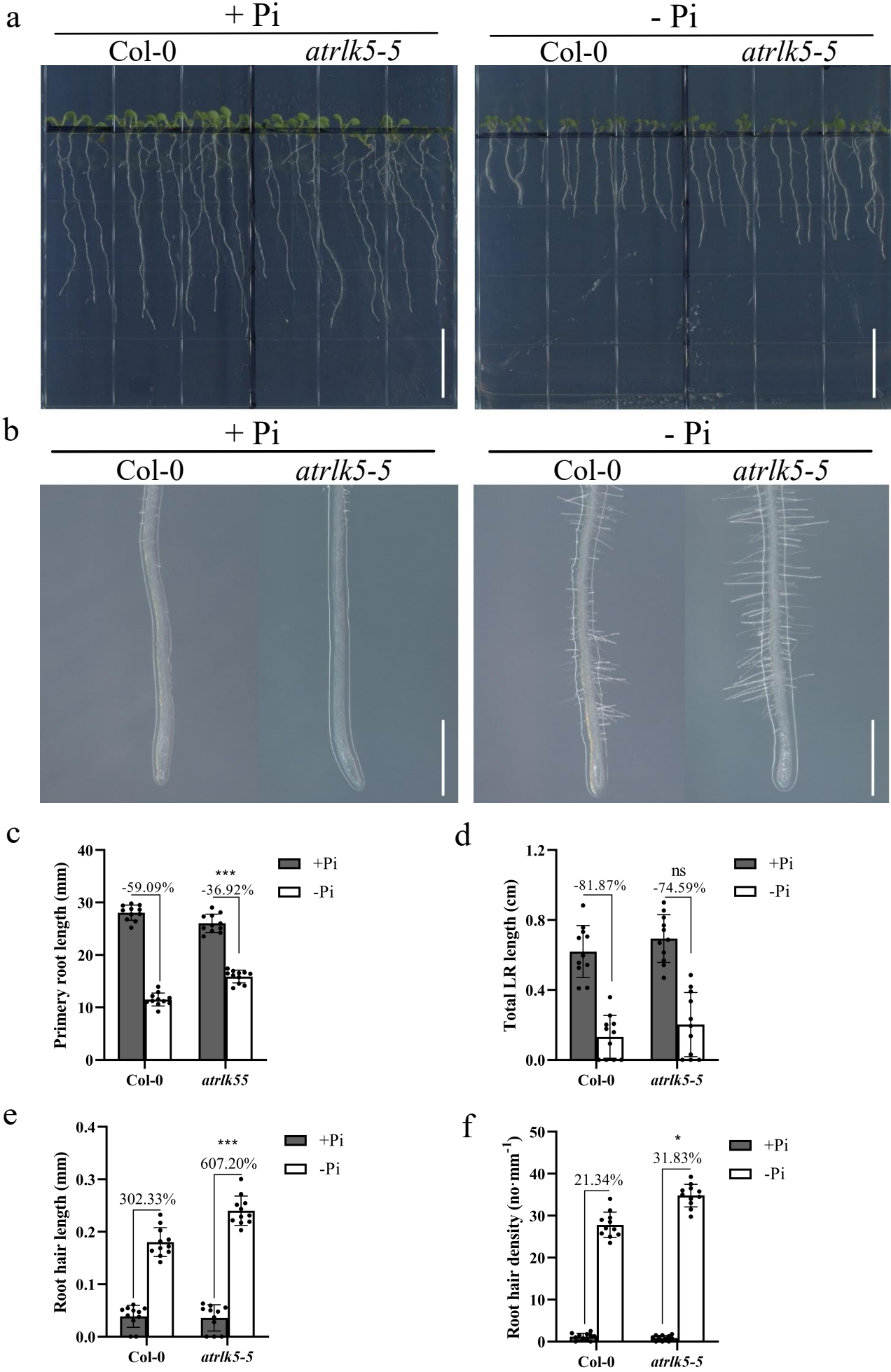
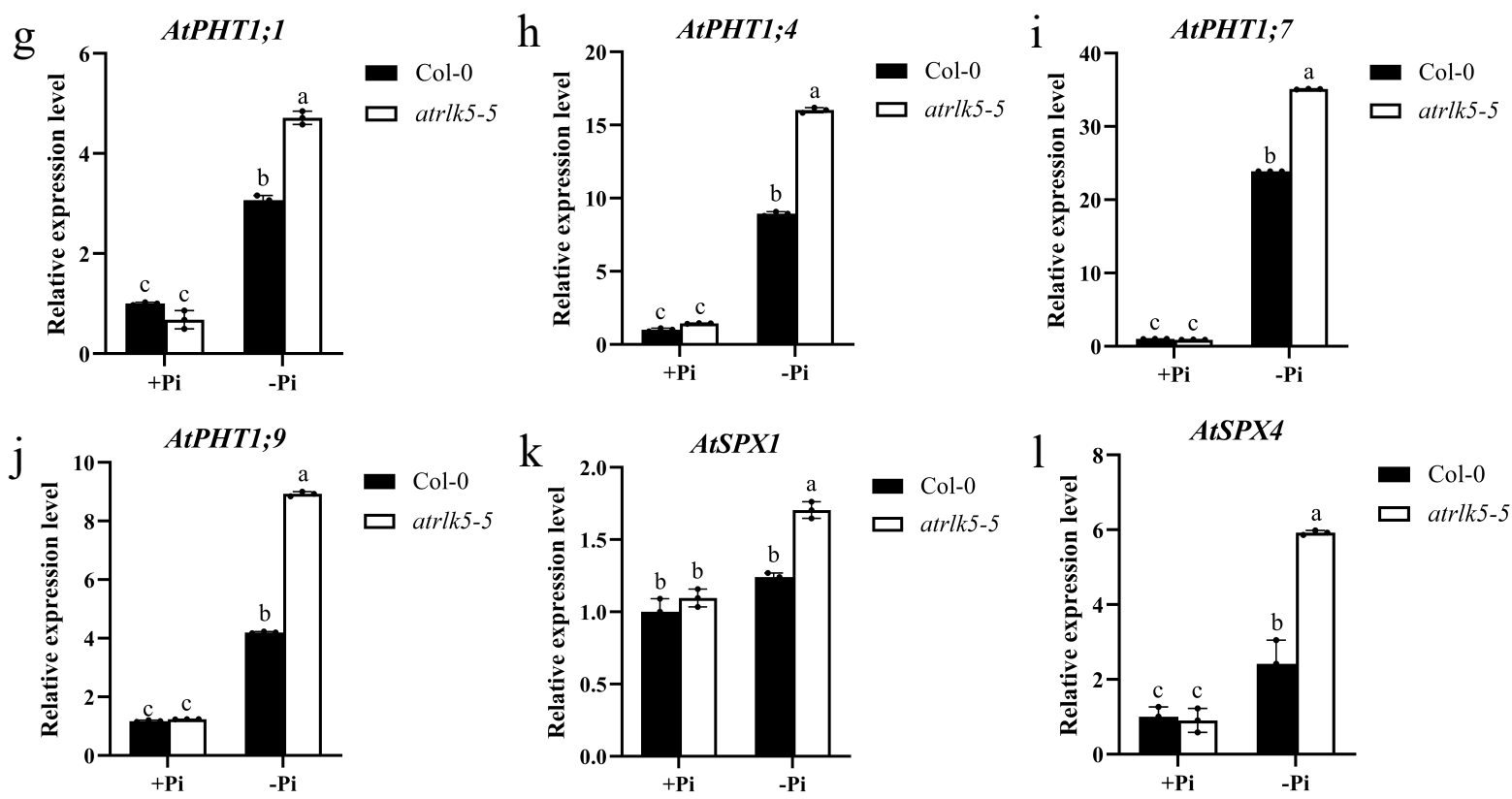


Supplementary Data Fig. S3. *atrlk5-5* shows reduced sensitivity to Pi deprivation in *Arabidopsis*.





Supplementary Data Fig. S3 *atrlk5-5* shows reduced sensitivity to Pi deprivation in *Arabidopsis*. The accession number of *ATRLK5-5* is AT1g50610. Phenotypes of primary root and lateral root (a), and root hairs (b) of seedlings of *Col-0* and *atrlk5-5* grown under control (+Pi) and Pi deprivation conditions (-Pi) for ten days. Primary root length (c), total lateral root (LR) length (d) root hair length (e) and root hair density (f) of plants in (a) and (b). Three biological replications of the experiment were carried out with similar results. Asterisks denote Student's *t* test significance compared with *Col-0*: **p* < 0.05 and ****p* < 0.001. (g)-(l) Expression levels of PSR genes with Pi deprivation treatment (-Pi) for 24 h in seedlings of *Col-0* and *atrlk5-5*. Data are mean \pm SD, *n* = 3 repeats. Significant differences are indicated by different lowercase letters.