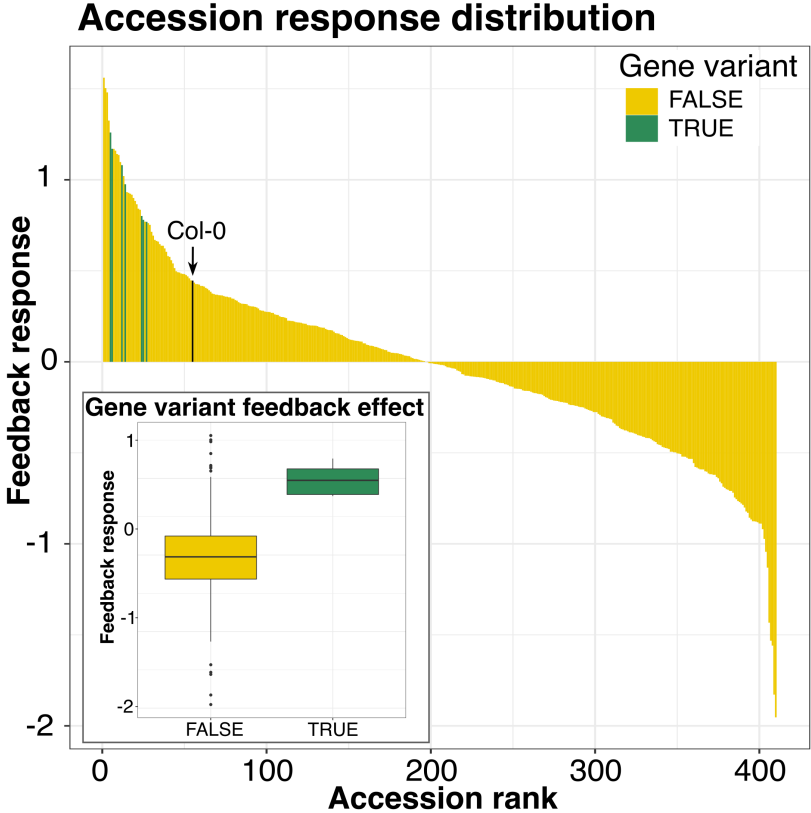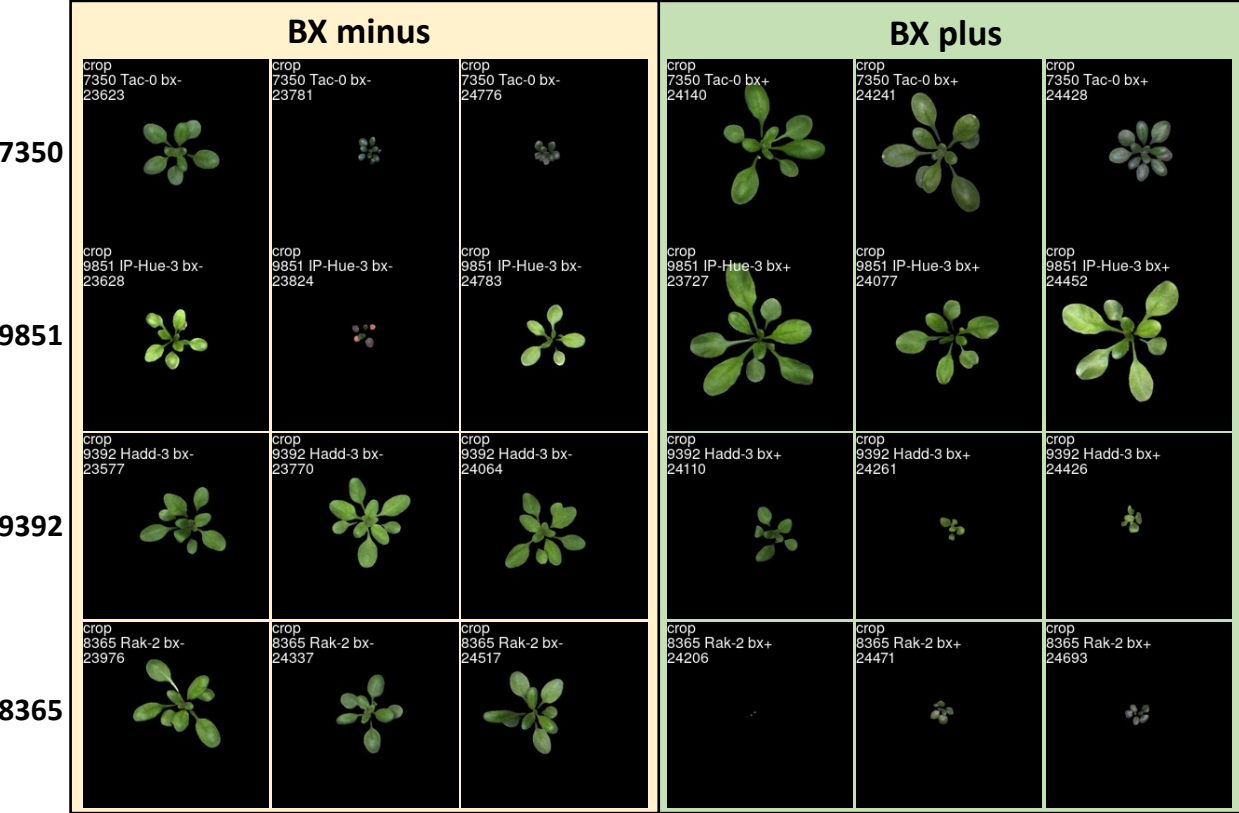# Plant responsiveness to microbial feedbacks

Observation: High phenotypic variation how plants respond to different microbiomes.

> automated **phenotyping** (120 traits, seed-2-seed)
> **410** Arabidopsis ecotypes (diff. genotypes)
> GWAS, genome-wide association study

You study plant genes that could explain better growth

Growth chambers

A. thaliana

Genetics