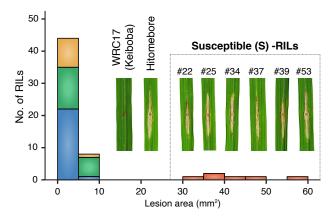
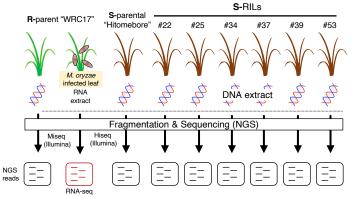
## (A) STEP1: Phenotyping of RILs

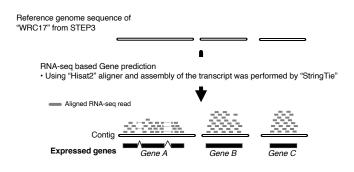


(B) STEP2: Whole genome sequencing of parental lines and susceptible RILs (S-RILs).



(C) STEP3: De novo assembly of R-parental line "WRC17" using "DISCOVAR" software.

**(D) STEP4:** Gene prediction of WRC17, the resistant parent, using RNA-seq data.



**(E) STEP5:** Mapping short reads of susceptible parent and RILs to the predicted genes of WRC17.

