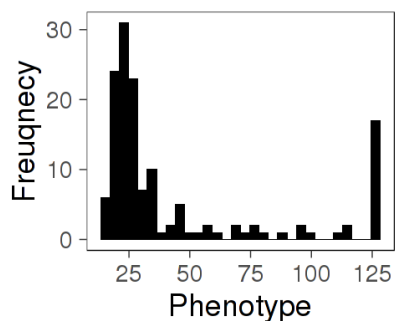
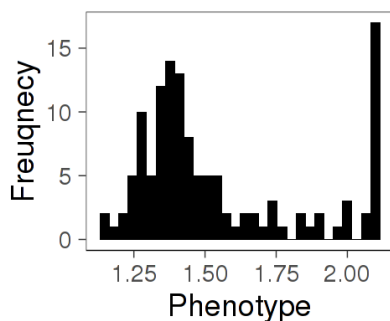


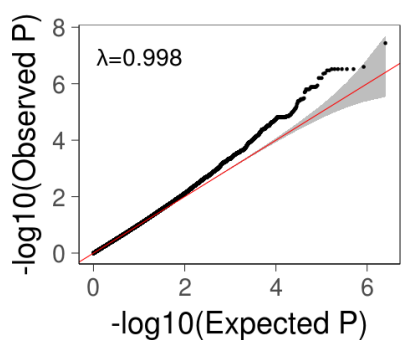
## Phenotype histogram and quantile-quantile plots of p-values



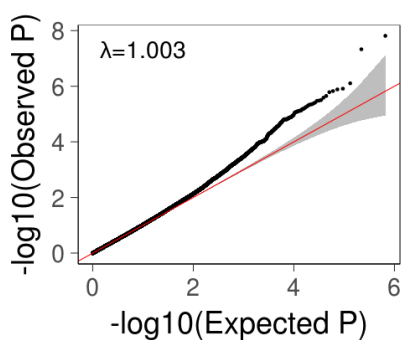
Original phenotype distribution



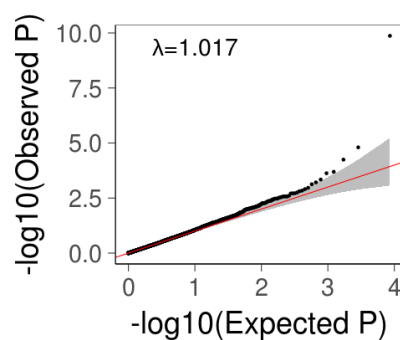
Transformed phenotype distribution



SNP

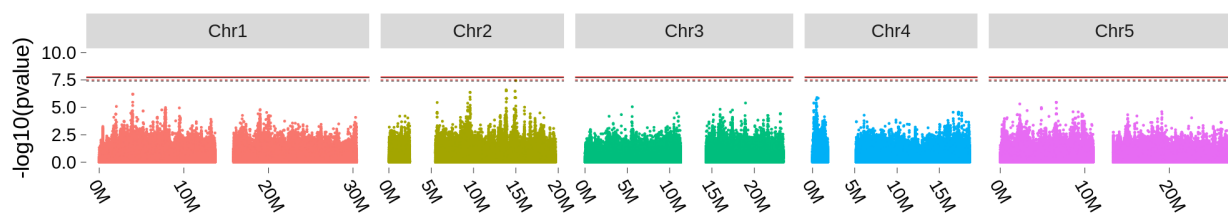


INDEL

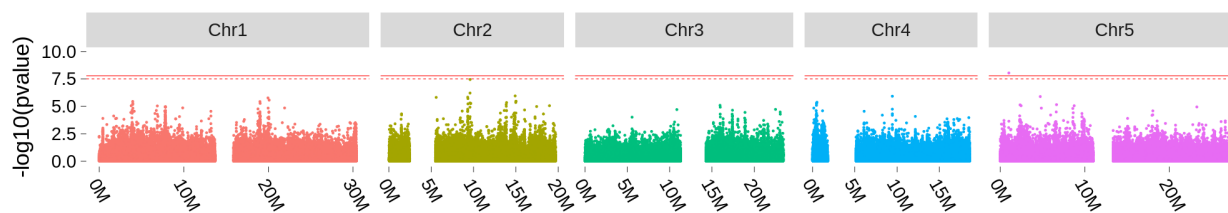


ORF

## SNP results



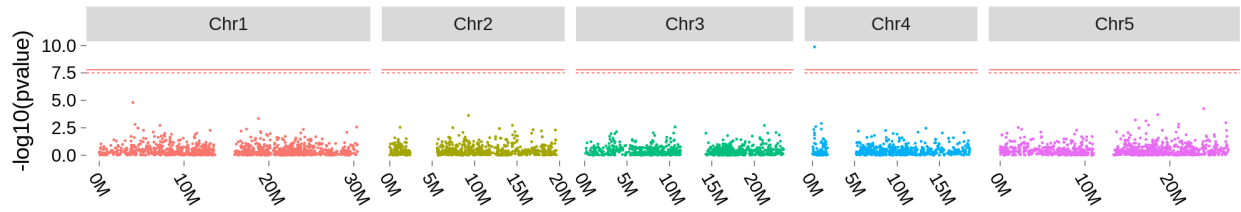
## INDEL results



Peak	Chr	INDEL	$-\log_{10}(\text{pvalue})$	Candidate	Candidate	Variation	Distance to gene(bp)
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rank	pos(bp)	gene ID	gene name
1	5	1026045 7.811765 AT5G03840	TFL1 1bp insertion

### ORFS results



Peak rank	Chr	-log10(pvalue)	Candidate gene ID	Candidate gene name
1	4	9.868338	AT4G00650	FRI