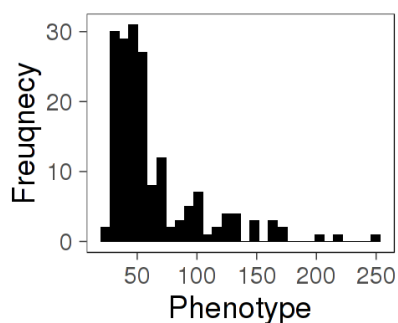
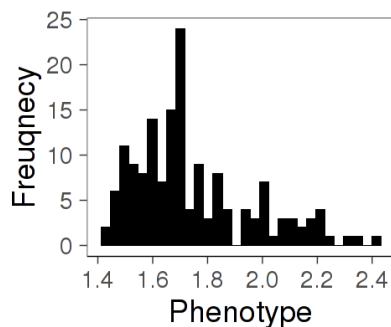


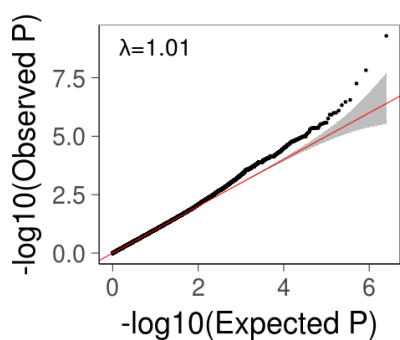
Phenotype histogram and quantile-quantile plots of p-values



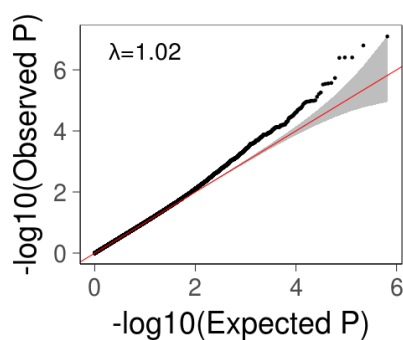
Original phenotype distribution



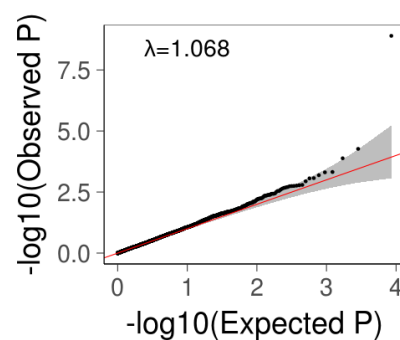
Transformed phenotype distribution



SNP

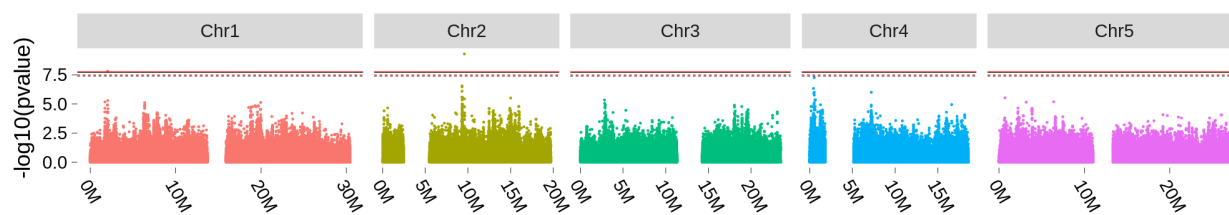


INDEL



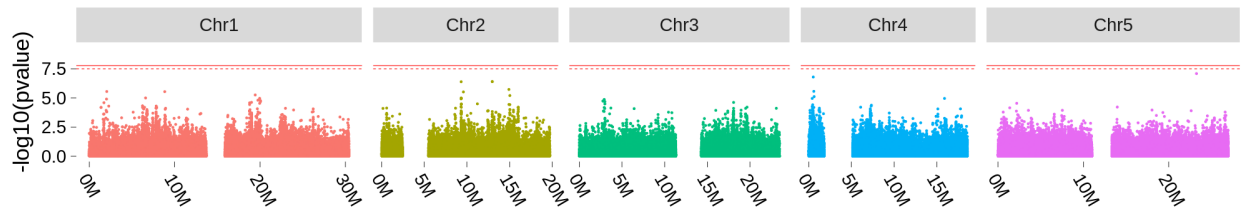
ORF

SNP results

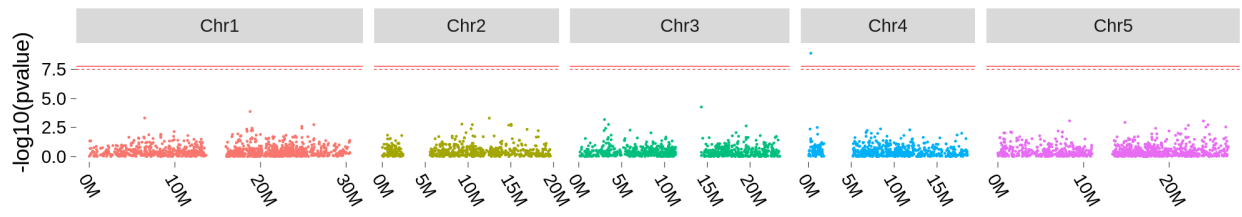


Peak rank	Chr	SNP pos(bp)	$-\log_{10}(\text{pvalue})$	Candidate gene ID	Candidate gene name	Distance to gene(bp)
1	2	9581436	9.294797	AT2G22540	SVP	0
2	1	2033739	7.822843	NA	NA	NA

INDEL results



ORFS results



Peak rank	Chr	$-\log_{10}(\text{pvalue})$	Candidate gene ID	Candidate gene name
1	4	8.438639	AT4G00650	FRI