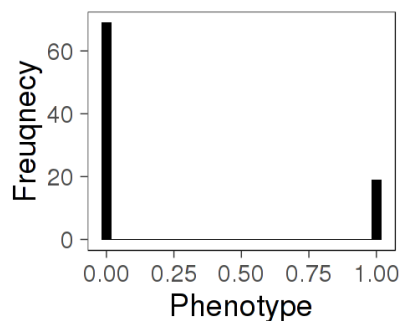
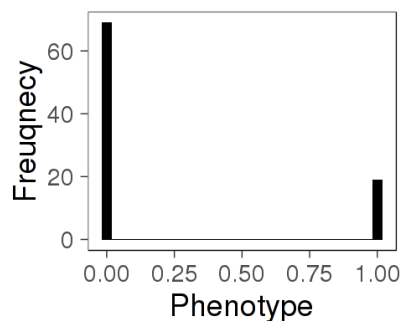


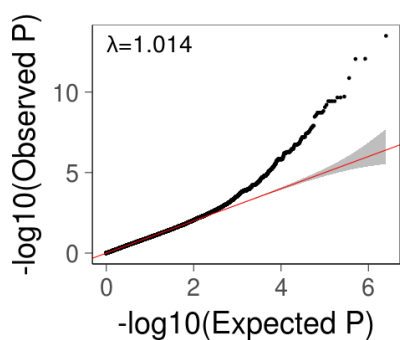
Phenotype histogram and quantile-quantile plots of p-values



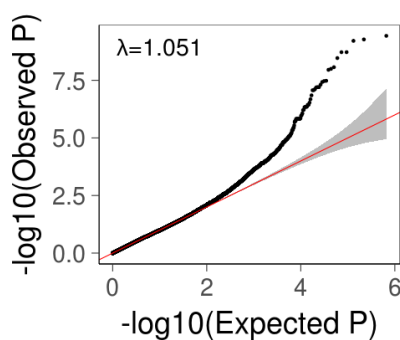
Original phenotype distribution



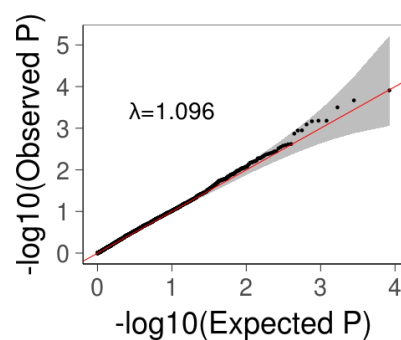
Transformed phenotype distribution



SNP

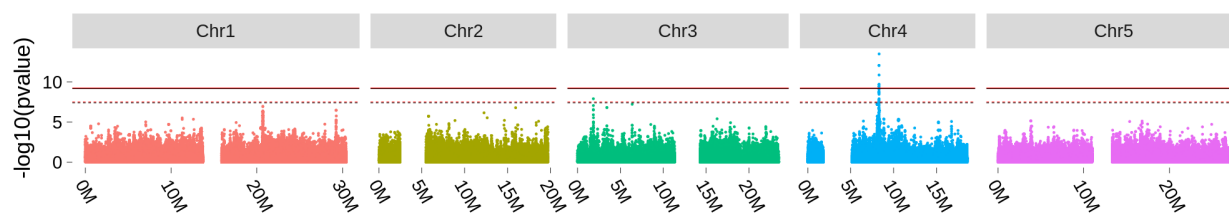


INDEL



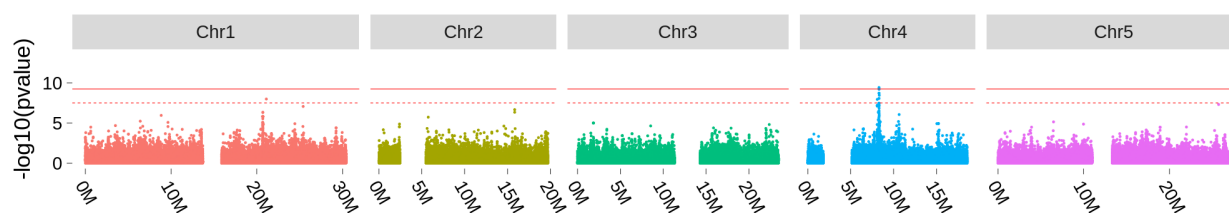
ORF

SNP results



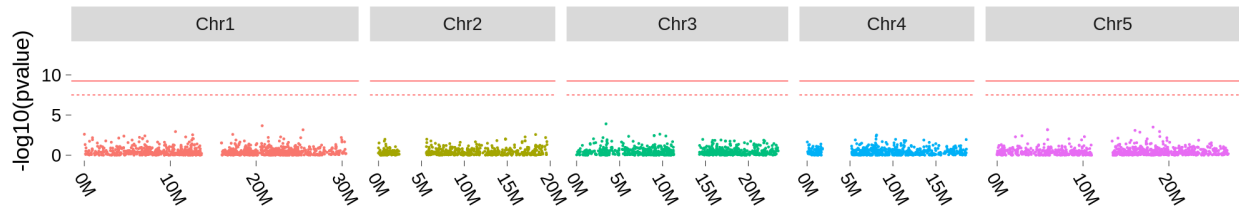
Peak rank	Chr	SNP pos(bp)	$-\log_{10}(\text{pvalue})$	Candidate gene ID	Candidate gene name	Distance to gene(bp)
1	4	8308754	13.4916	AT4G14400	ACD6	10152

INDEL results



Peak rank	Chr	INDEL pos(bp)	$-\log_{10}(\text{pvalue})$	Candidate gene ID	Candidate gene name	Variation	Distance to gene(bp)
1	4	8300788	9.431888	AT4G14400	ACD6	1bp insertion	2186

ORFS results



LD pattern nearby the significant INDEL

