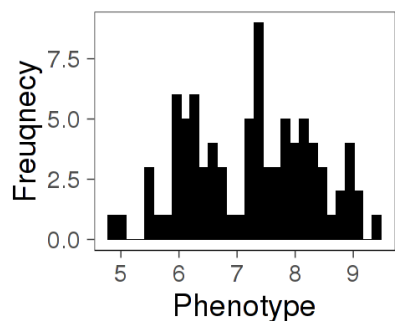
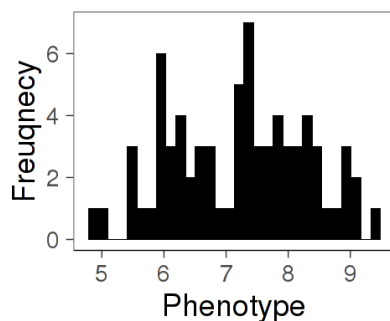


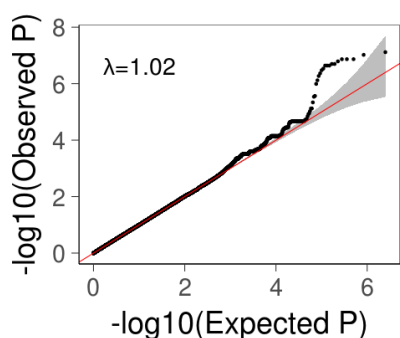
Phenotype histogram and quantile-quantile plots of p-values



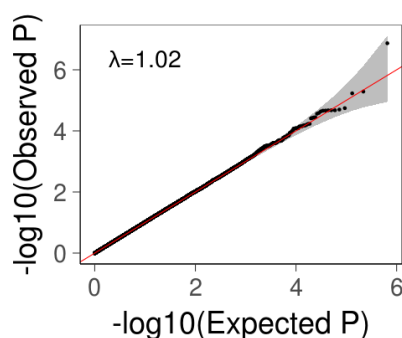
Original phenotype distribution



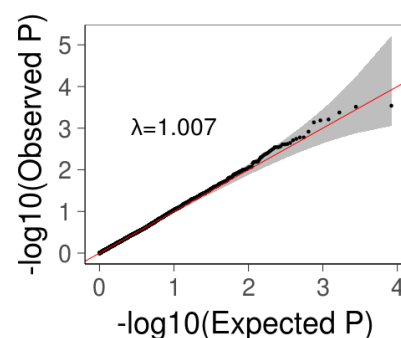
Transformed phenotype distribution



SNP

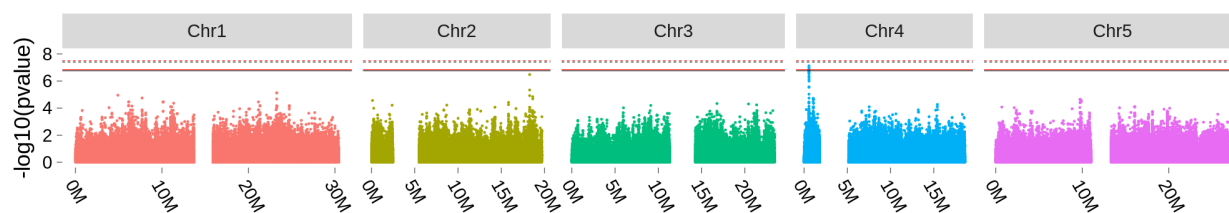


INDEL



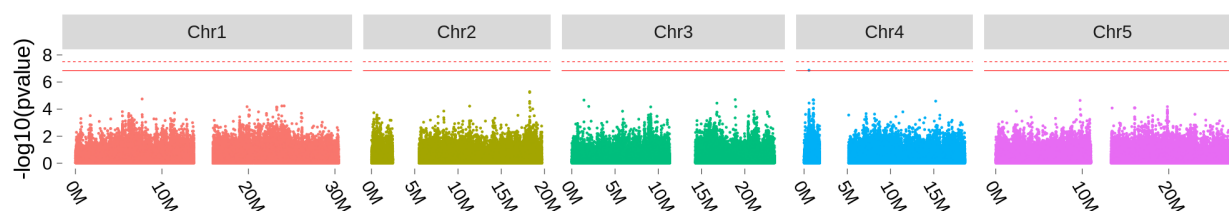
ORF

SNP results



Peak rank	Chr	SNP pos(bp)	$-\log_{10}(\text{pvalue})$	Candidate gene ID	Candidate gene name	Distance to gene(bp)
1	4	562506	7.116939	NA	NA	NA

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	562773	6.868775	NA	NA	5bp deletion	NA

ORFS results

