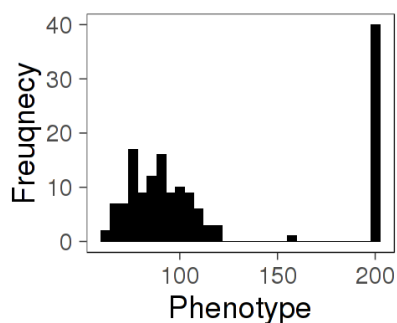
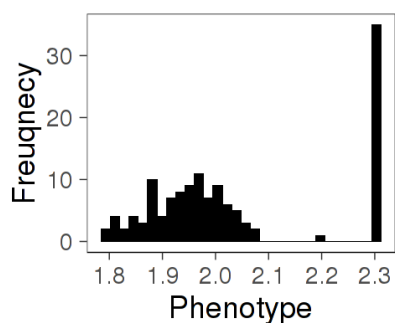


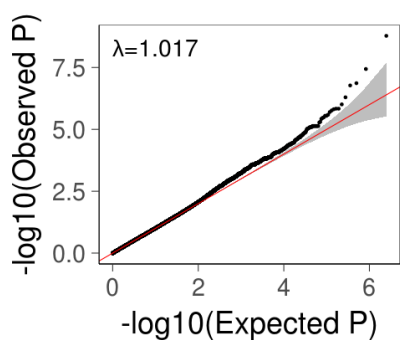
Phenotype histogram and quantile-quantile plots of p-values



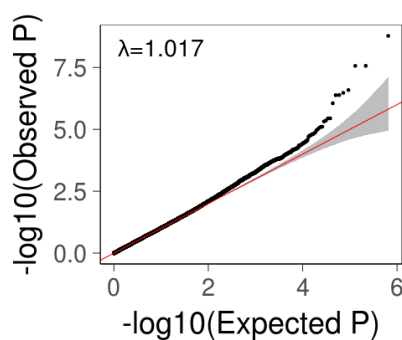
Original phenotype distribution



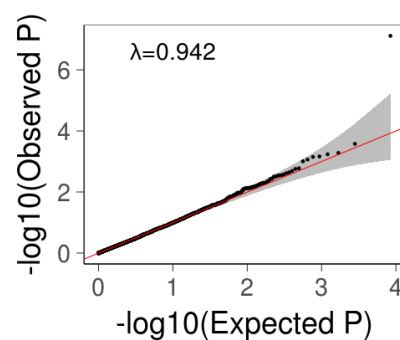
Transformed phenotype distribution



SNP

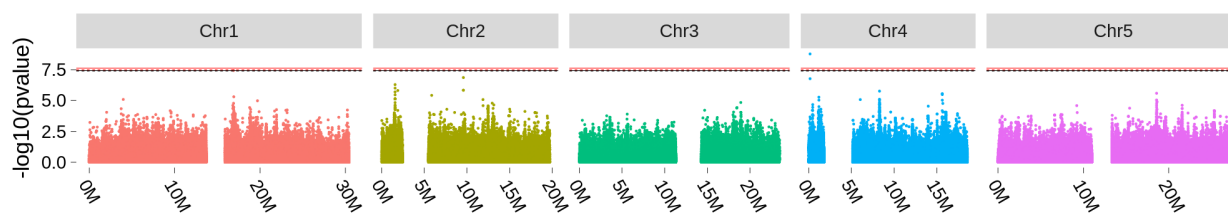


INDEL



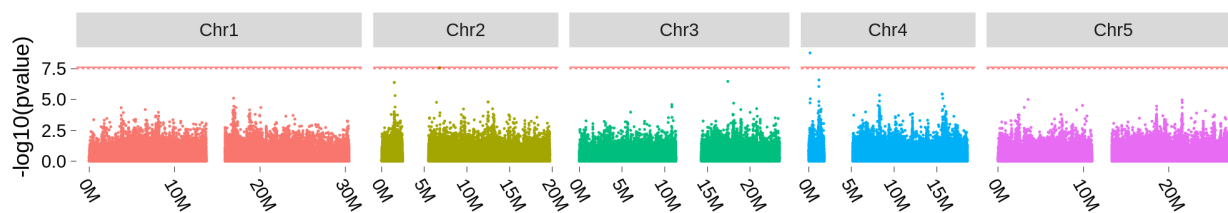
ORF

SNP results



Peak rank	Chr	SNP pos(bp)	-log10(pvalue)	Candidate gene ID	Candidate gene name	Distance to gene(bp)
1	4	153182	8.780621	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	153183	8.780621	NA	NA	1bp deletion	NA

ORFS results

