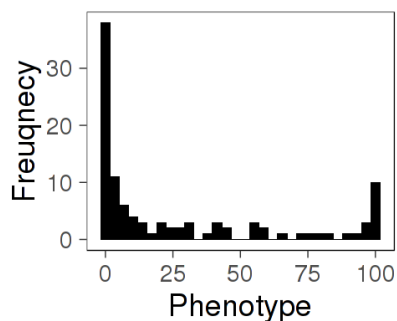
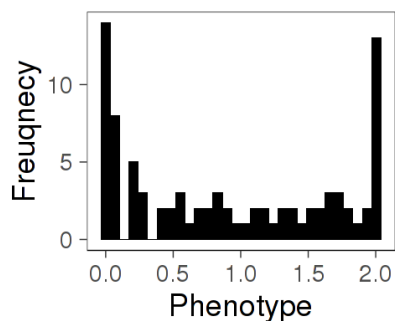


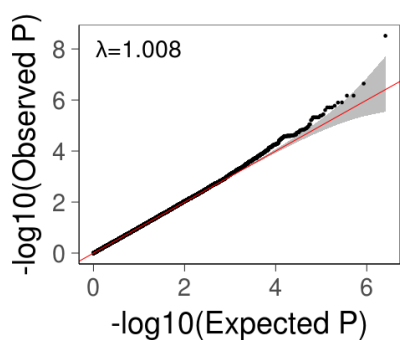
## Phenotype histogram and quantile-quantile plots of p-values



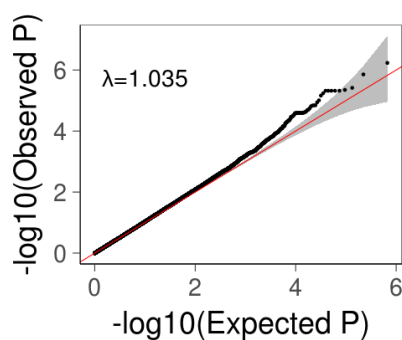
Original phenotype distribution



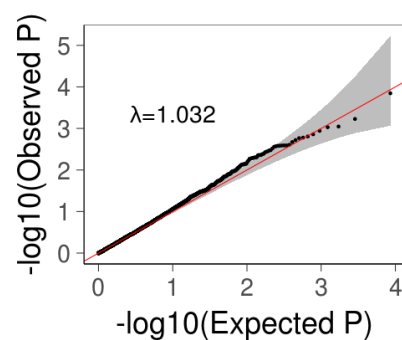
Transformed phenotype distribution



SNP

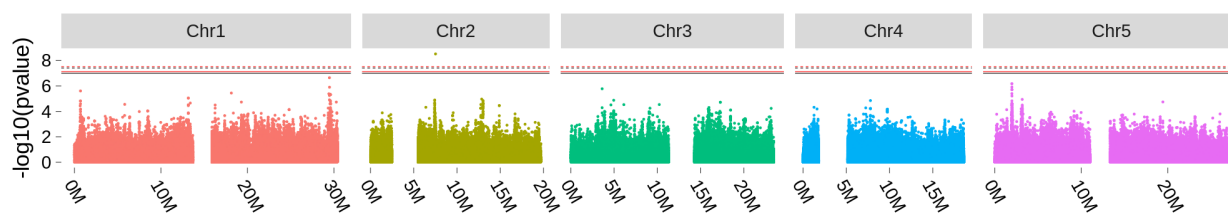


INDEL



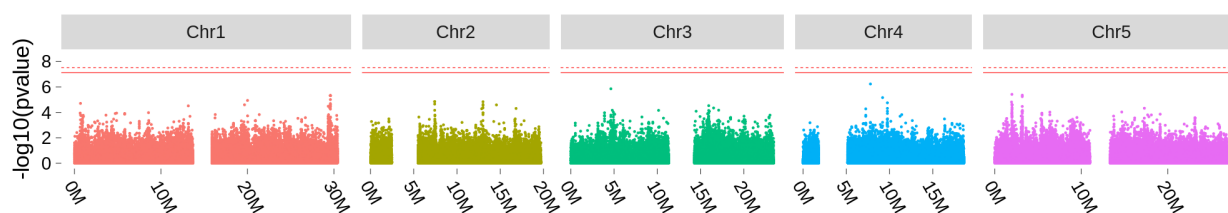
ORF

## SNP results



Peak rank	Chr	SNP pos(bp)	$-\log_{10}(\text{pvalue})$	Candidate gene ID	Candidate gene name	Distance to gene(bp)
1	2	7513411	8.515689	NA	NA	NA

## INDEL results



# ORFS results

