

Online Resource 7

Article title: Mapping of quantitative adult plant field resistance to leaf rust and stripe rust in two European winter wheat populations reveals co-location of three QTL conferring resistance to both rust pathogens.

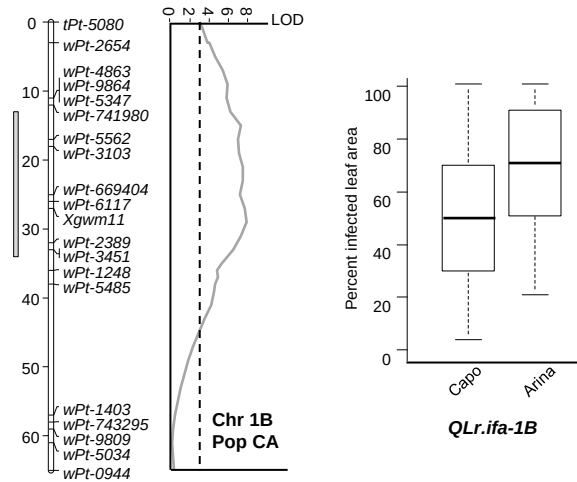
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Experiment Martonvásár 2008



Experiment Fundulea 2008

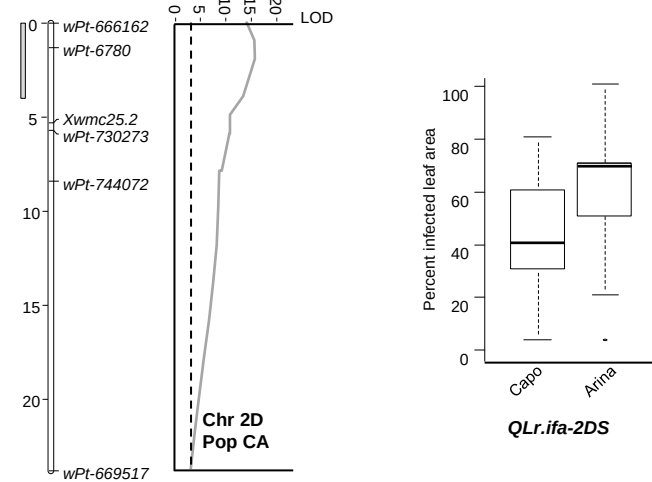


Fig. S1 Linkage maps and positions of *QLr.ifa-1B* and *QLr.ifa-2DS* (QTL for leaf rust severity) determined by the MQM model. *QLr.ifa-1B* was identified in experiment at Martonvásár 2008 and *QLr.ifa-2DS* was identified in experiment at Fundulea 2008. LOD profiles are given on the right; bars of the QTL support interval are given on the left. Bar size indicates a LOD decrease of 1.5 from maximum LOD. The dashed lines represent the LOD 3 value. Boxplot distributions of lines possessing alternative alleles at *QLr.ifa-1B* and *QLr.ifa-2DS* measured in percentage of infected leaf area are shown. Genotypes were classified by allele status of the closest markers to the corresponding QTL. Data are based on the means of experiment conducted at Martonvásár 2008 and at Fundulea 2008, respectively. Medians are indicated by solid lines