

Article: A locus on barley chromosome 5H affects adult plant resistance to powdery mildew

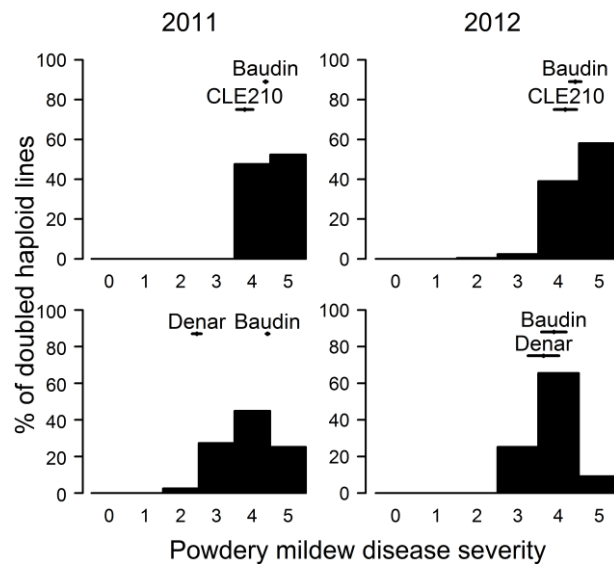
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Online Resource 1



Frequency distributions of predicted values for powdery mildew disease severity on seedlings of CLE210/Baudin (top) and Denar/Baudin (bottom) double haploid lines, as estimated from experiments conducted in 2011 (left) and 2012 (right). Disease severity was assessed on a scale from 0 (no disease) to 5 (very severe disease). Parental predicted values and their standard errors are shown by vertical and horizontal lines, respectively. When the predicted values for seedling disease severity were used in QTL analysis, no QTL were detected on chromosome 5H in CLE210/Baudin. In Denar/Baudin, only a minor QTL was detected on chromosome 5H (LOD scores of 3.7 at 145.6 cM in 2011 and 5.1 at 146.8 cM in 2012, compared to LOD scores of 50.6 and 48.1, respectively, for adult plants).