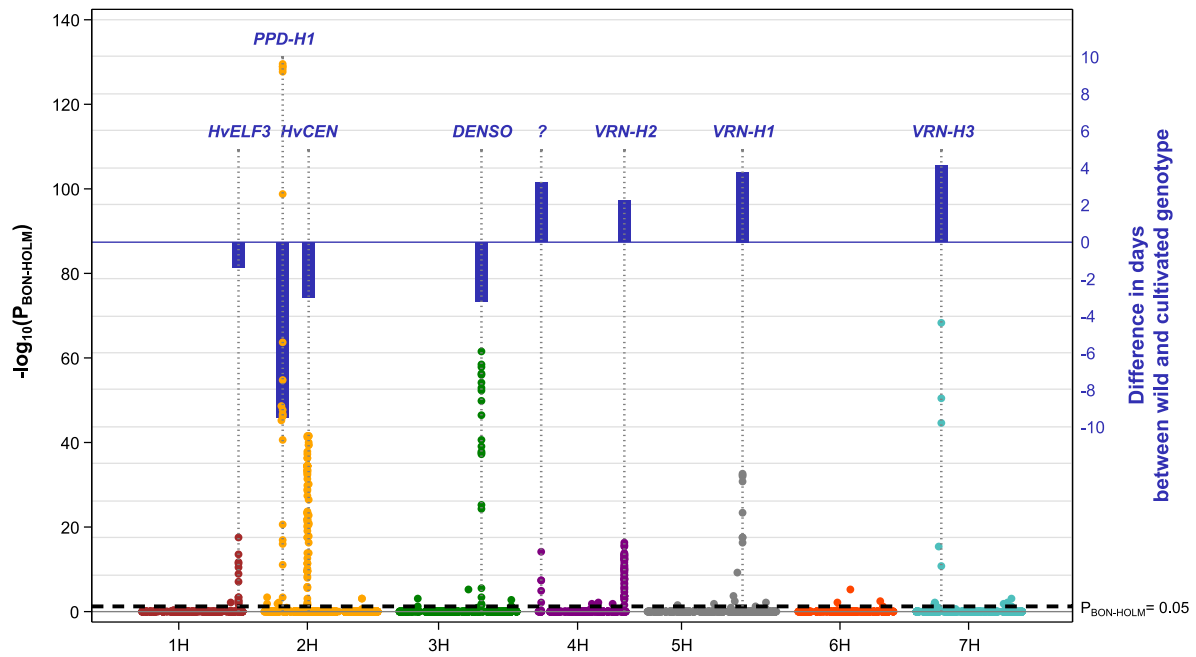




Additional file 7) GWAS Manhattan plot for flowering time. Colored dots represent the $P_{\text{BON-HOLM}}$ value of the marker-trait association, depending on the chromosome. The dashed black line indicates the significance threshold of 0.05. Ticks on the x axis indicate the position of the centromeres. Blue bars on top show the estimates for the difference between the wild genotype and the cultivated genotype in days. Candidate genes for the QTL are written above the peaks.