



**Figure S1** QTL analysis for SnTox1 sensitivity, after inclusion of the peak 1B marker 'Excalibur\_c21898\_1423' as a covariate. SNPs mapping to the 21 wheat chromosomes are indicated in red (A genome), black (B genome) and purple (D genome). The Bonferroni corrected  $P = 0.05$  significance threshold is indicated (dashed line). Unmapped markers are not shown.