

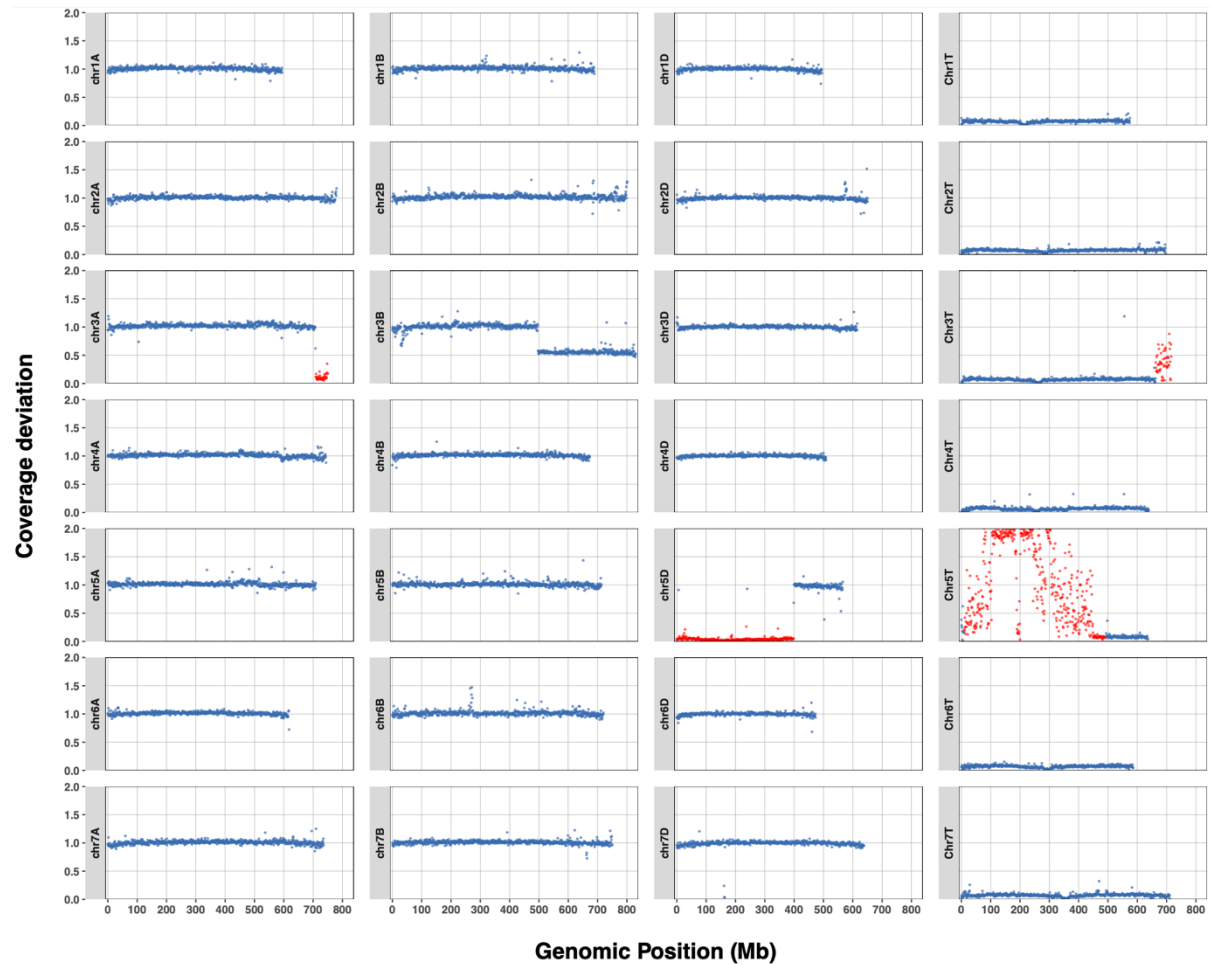


Fig. 1S Coverage deviation analysis using a skim-sequencing plot of introgression line Mut27. The plot showing two complete drops in read coverage on the wheat chromosomes 3A and 5D (red dots) due to the corresponding presence of *Ae. mutica* introgressions on chromosomes 3T and 5T indicated by increase in read coverage (red dots). The absence of an increase in read coverage of *Ae. mutica* chromosome 3T, apart from the small region at its end, indicates the drop in wheat coverage on chromosome 3B is likely due to a wheat deletion in one copy of 3B rather than the presence of an *Ae. mutica* introgression.