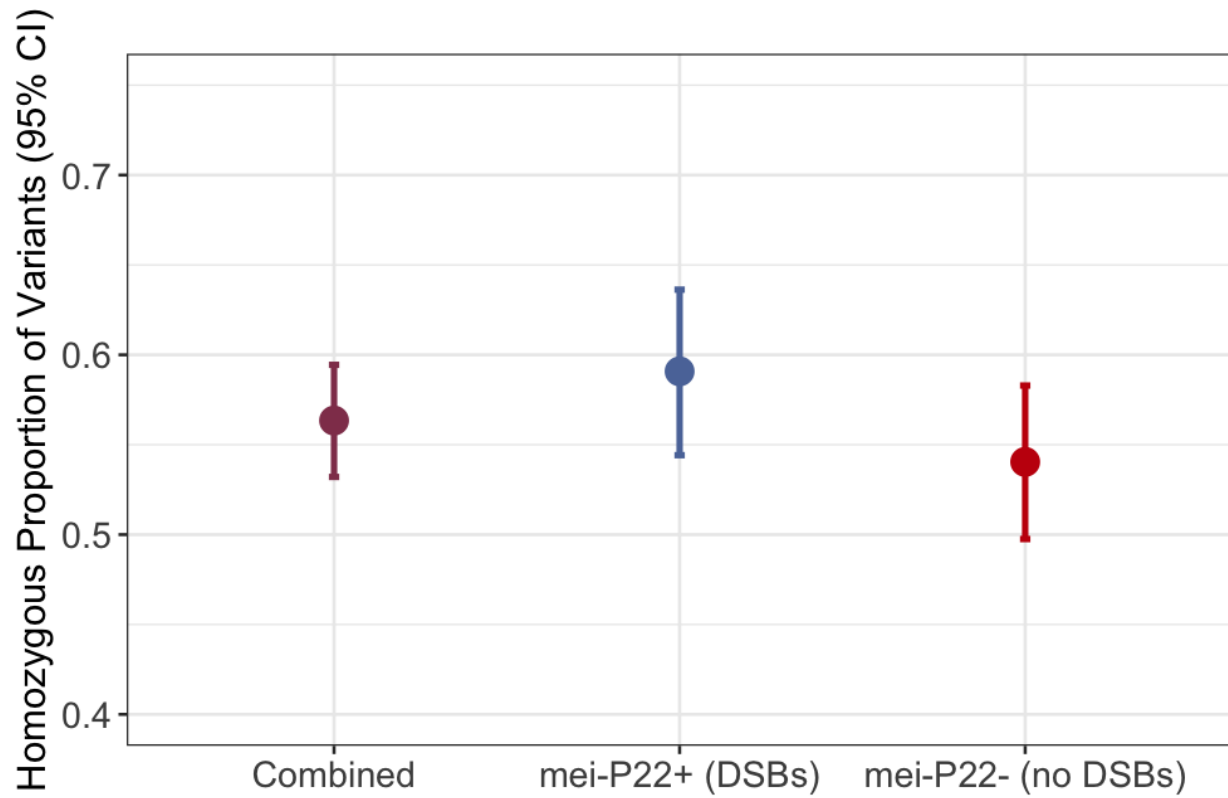
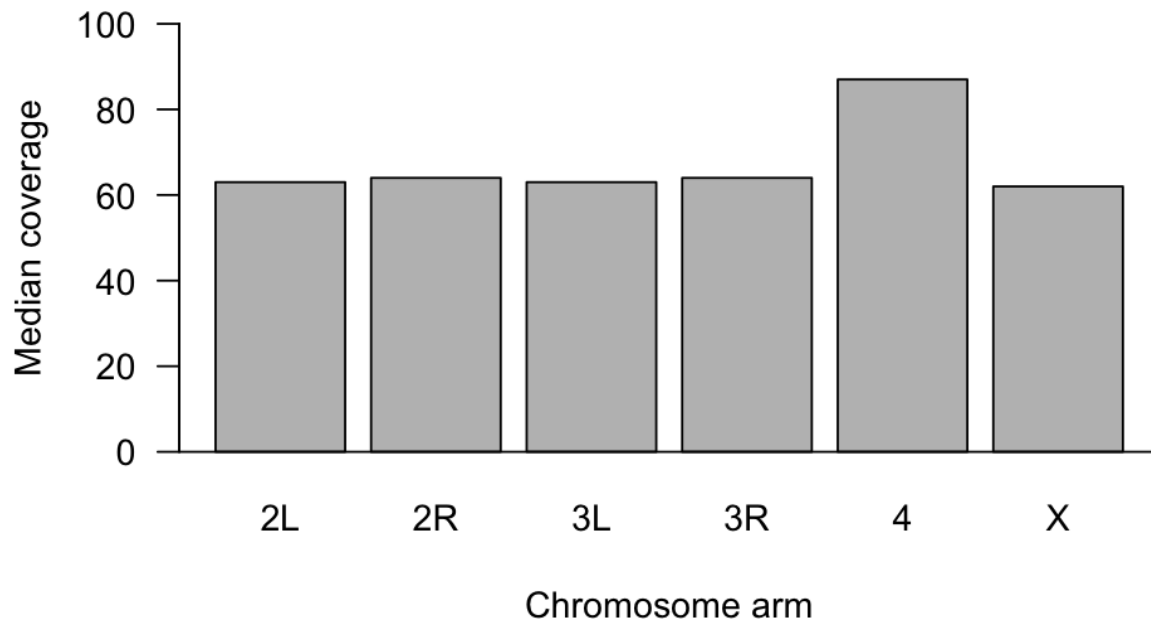


## Supplementary Figures



**Figure S1. Proportion of point mutations detected in the homozygous state.** Given the full-sibling mating design of our MA experiment, we expect many new mutations to become homozygous by the time of genome sequencing, following 30 bottleneck generations, but heterozygous mutations will still be present that have not yet become fixed.



**Figure S2. Median coverage by chromosome arm for MA line 11.** In this line, the elevated median coverage on chromosome 4 (1.38-times the genome-wide median) likely indicates trisomy.