

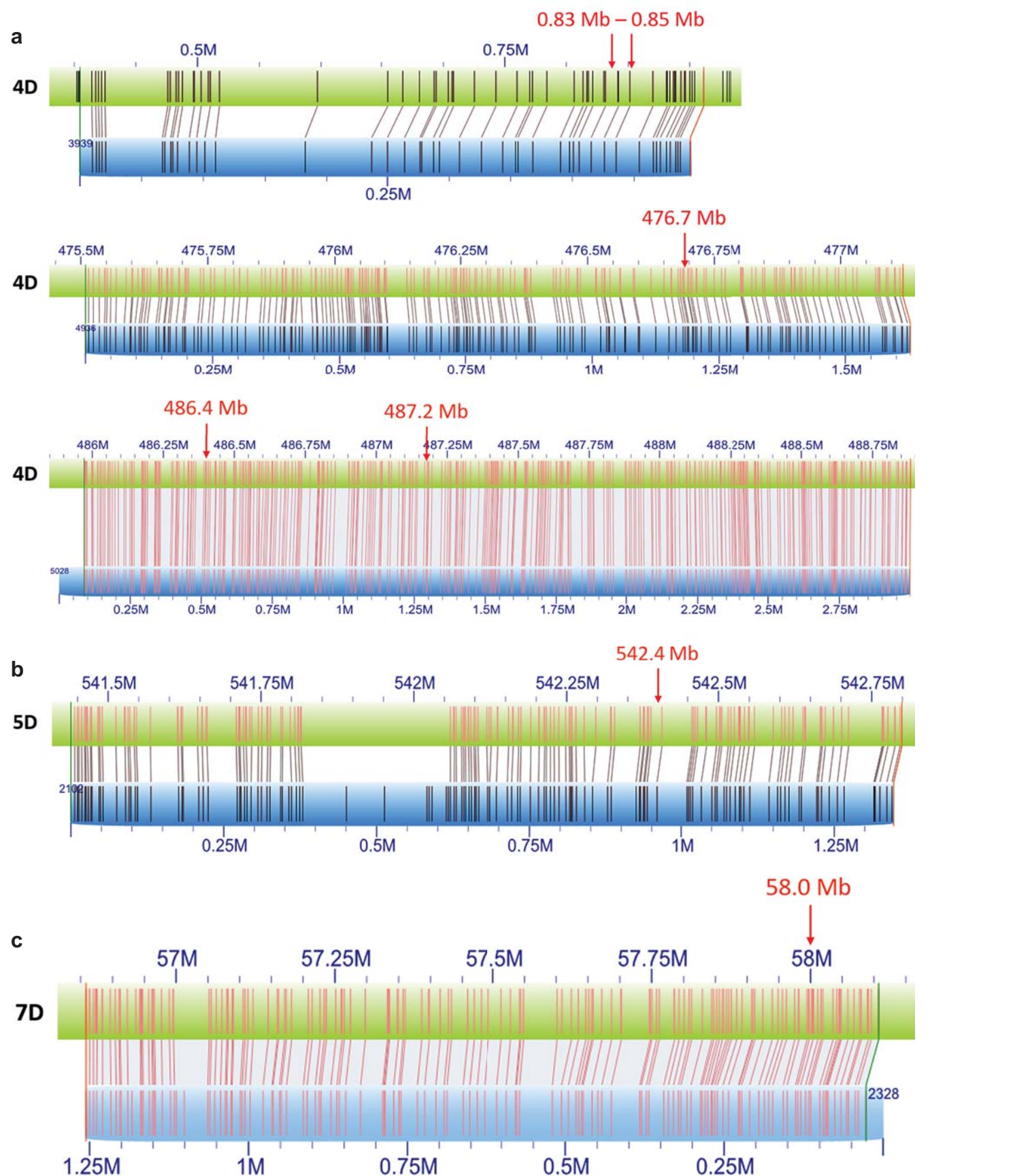


Fig. S1 Validation of *Ae. tauschii* genome sequence assembly in intervals corresponding to rearrangement breakpoints by aligning *Ae. tauschii* pseudomolecules (green rectangles) with the corresponding *Ae. tauschii* BNG contigs (blue rectangles). All measures are in Mb. Red numbers provide locations in Mb of breakpoints. **a** Comparisons of breakpoints involving chromosome 4D. The breakpoint between synteny blocks 1 and 2 are at top, the breakpoint distal to synteny block 6 is in the middle, and the breakpoint between synteny blocks 6 and 5 are at bottom. **b** Comparison of the breakpoint between synteny blocks 5 and 10 involving chromosome 5D. **c** Comparison of the rearrangement breakpoint between synteny blocks 7 and 12 involving chromosome 7D.