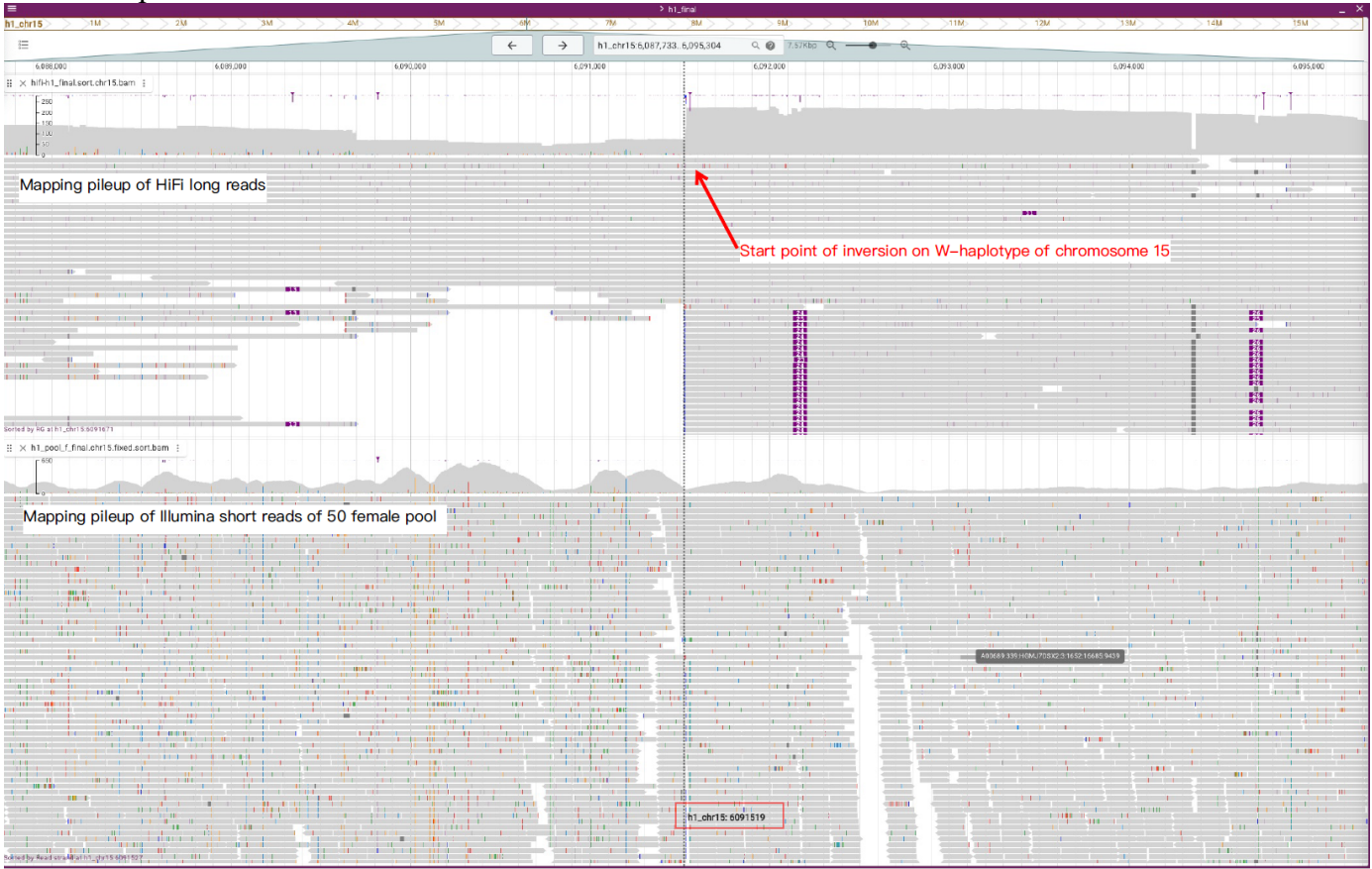


a. 3' breakpoint



b. 5' breakpoint

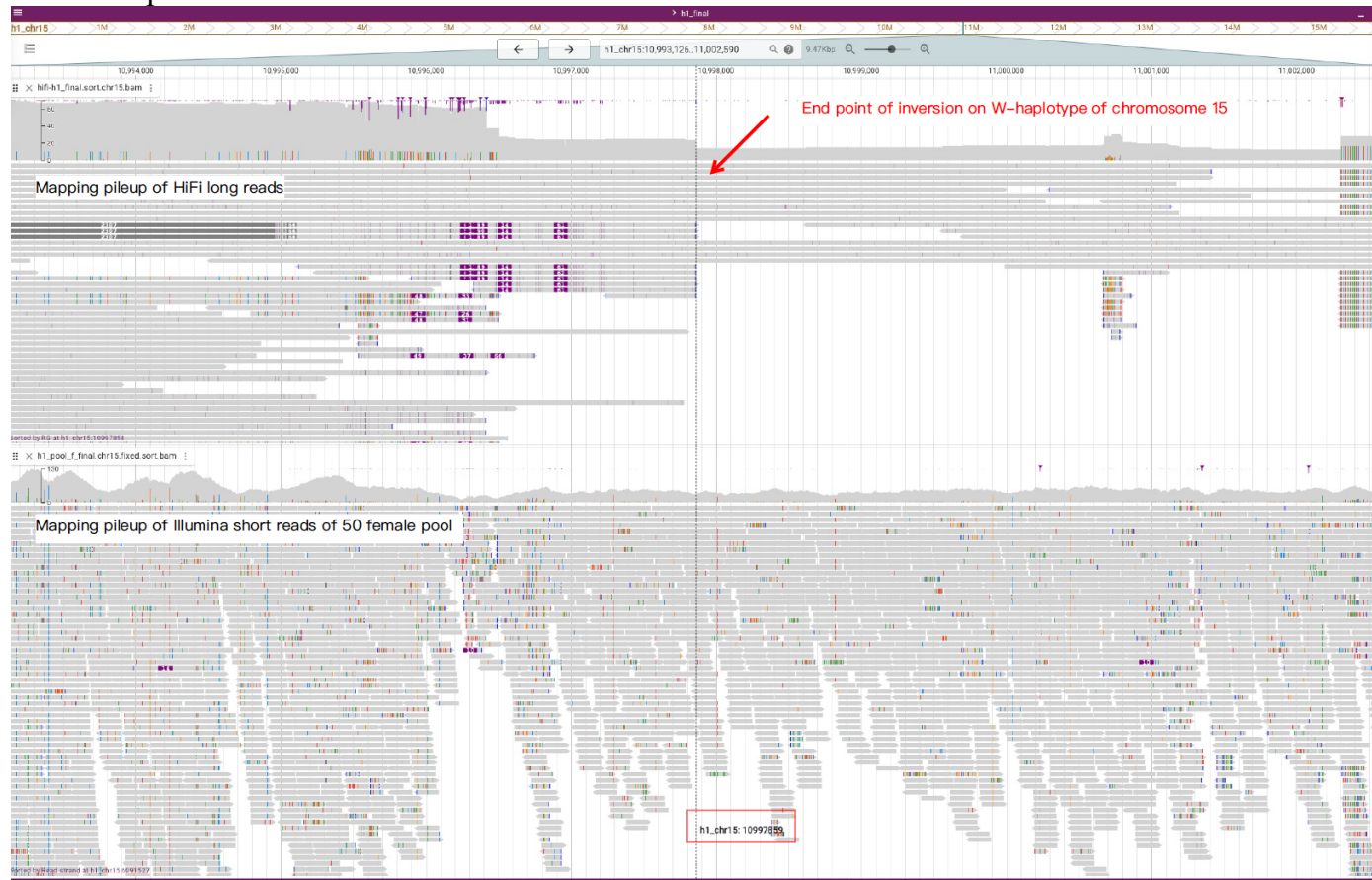


Figure S10. Mapping HiFi long reads and Illumina short reads to the 3' breakpoint (a) and the 5' breakpoint (b) of an inversion on haplotype 1 of chromosome 15 of *Salix herbacea*.

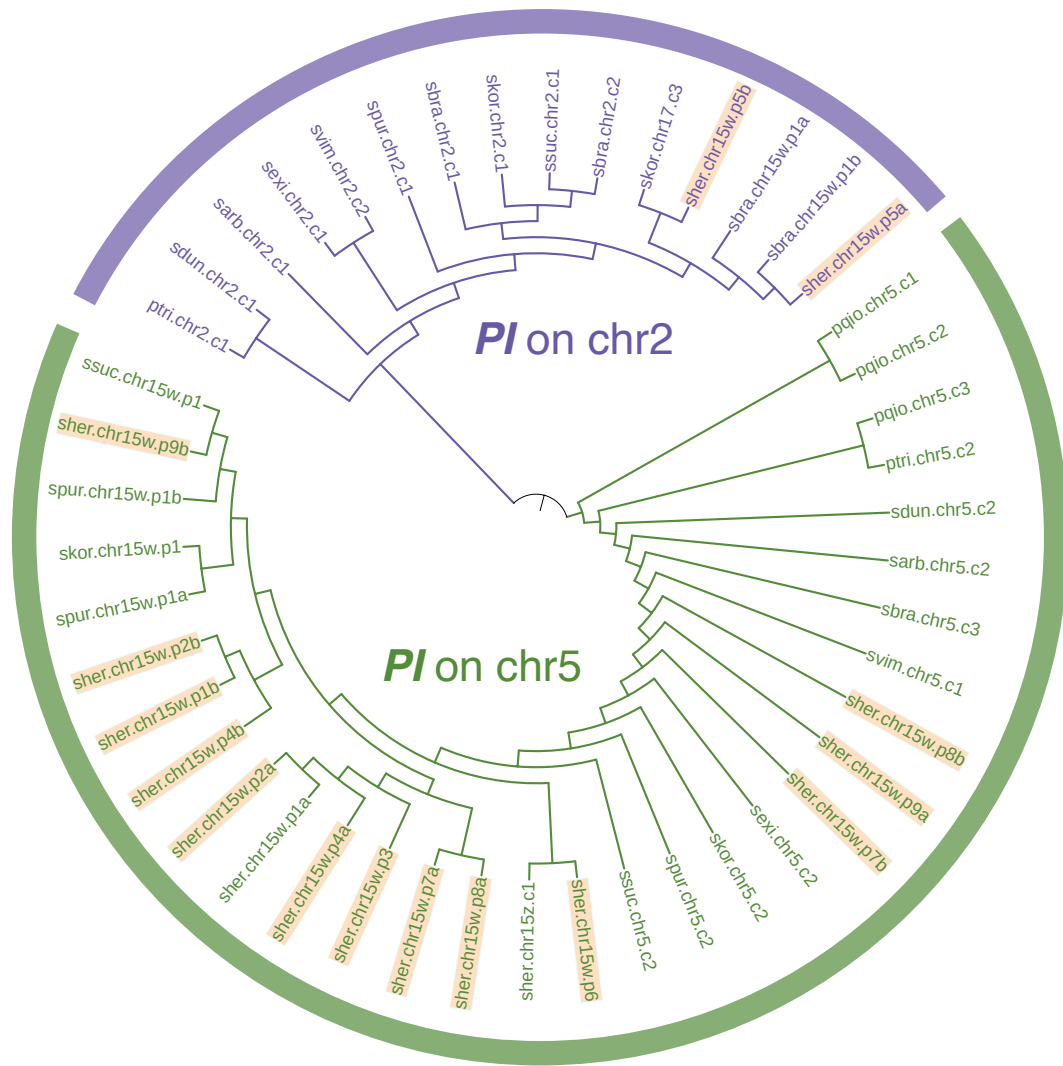


Figure S11. Phylogenetic tree of intact and partial PI genes in Salicaceae based on first exon sequences, with genes from chromosomes 2 and 5 shown in purple and green, respectively. Partial copies from *S. herbacea* are highlighted with a light yellow background.