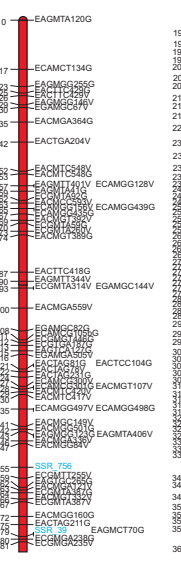


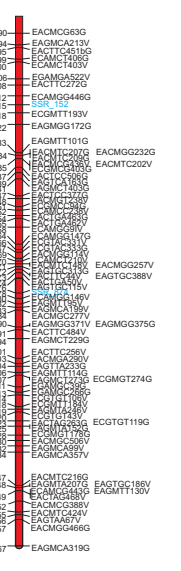
Supplementary Figure 1: The anchored *Physcomitrella patens* linkage map

The SSR-linkage groups (“S 1” *etc.*) are shown as blue bars, with each “signature” SSR locus labelled in colour. The integrated AFLP+SSR linkage groups (“LG 1” *etc.*) are shown as red bars. Genetic distances are in Cm. The sequence scaffolds are indicated as scaled lines (“ScN”, with 0.5Mbp intervals) between the SSR and integrated linkage groups. The sequence coordinates of the remaining SSR markers, and of each candidate AFLP locus proposed by SCALPHunter (where the sequence coordinate corresponds to the first base of the *EcoRI* site), are indicated on the sequence scaffold. In each linkage group, candidate AFLP loci identified in the same sequence scaffold are highlighted in identical colours. Note that individual diagrams are not provided for LG 6, LG 26 and LG 27, since these linkage groups do not contain an SSR marker and thus cannot be anchored to the sequence scaffolds. At the end of the figure are two additional maps, based on coalescence of LG 7 and LG30, and of LG 20 and LG 23 at LOD = 8.

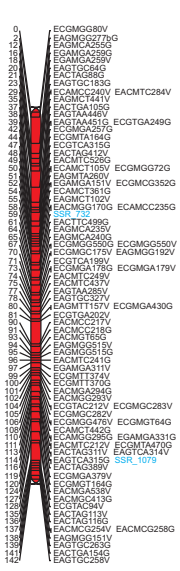
LG 1a



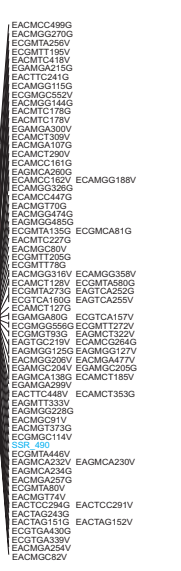
LG 1b



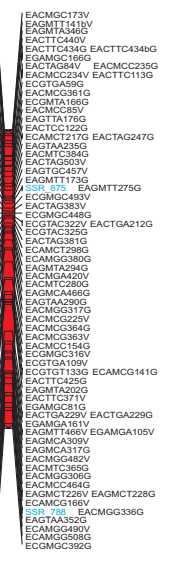
LG 2



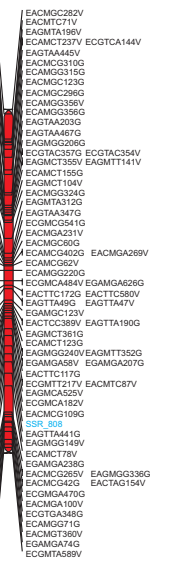
LG 3



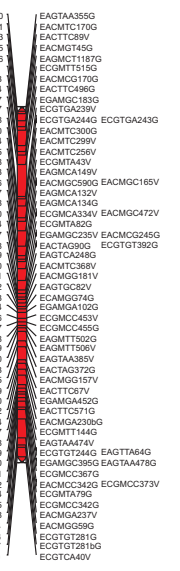
LG 4



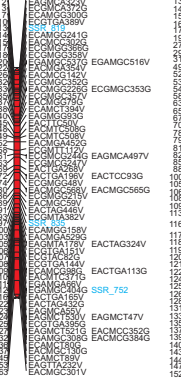
LG 5



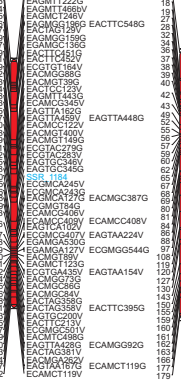
LG 6



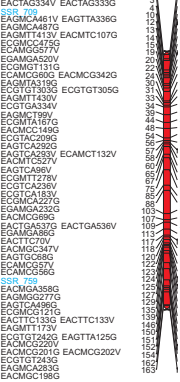
LG 7



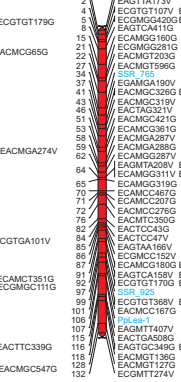
LG 8



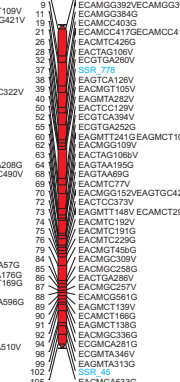
LG 9



LG 10



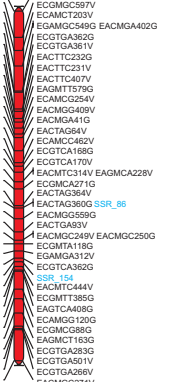
LG 11



LG 12



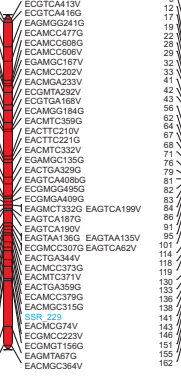
LG 13



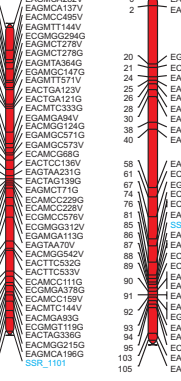
LG 14



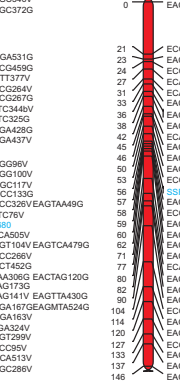
LG 15



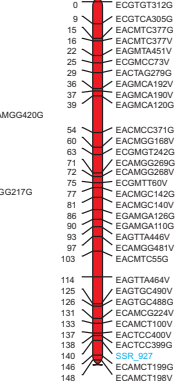
LG 16



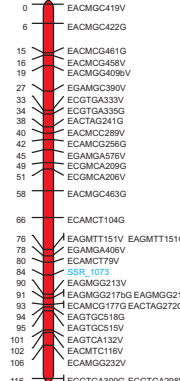
LG 17



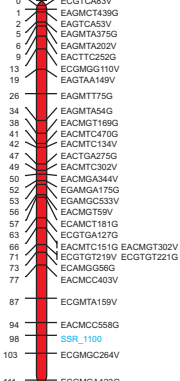
LG 18



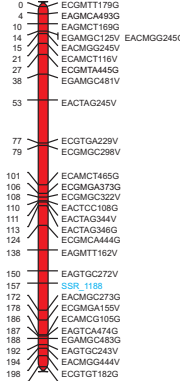
LG 19



LG 20



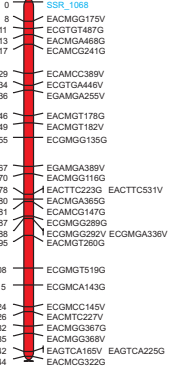
LG 21



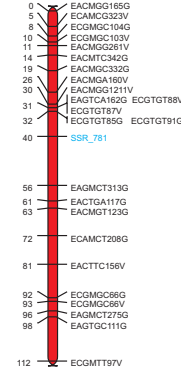
LG 22



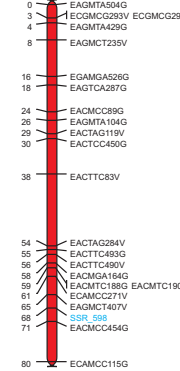
LG 23



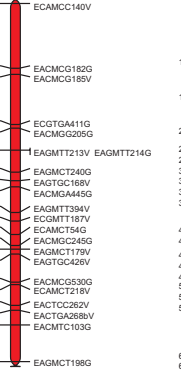
LG 24



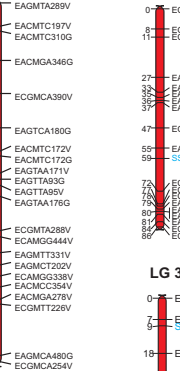
LG 25



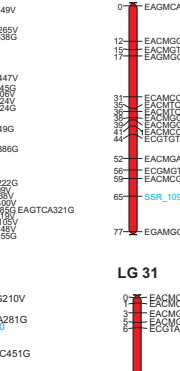
LG 26



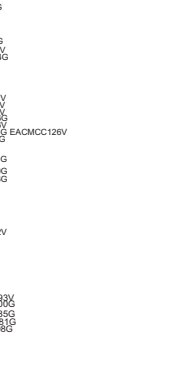
LG 27



LG 28



LG 29

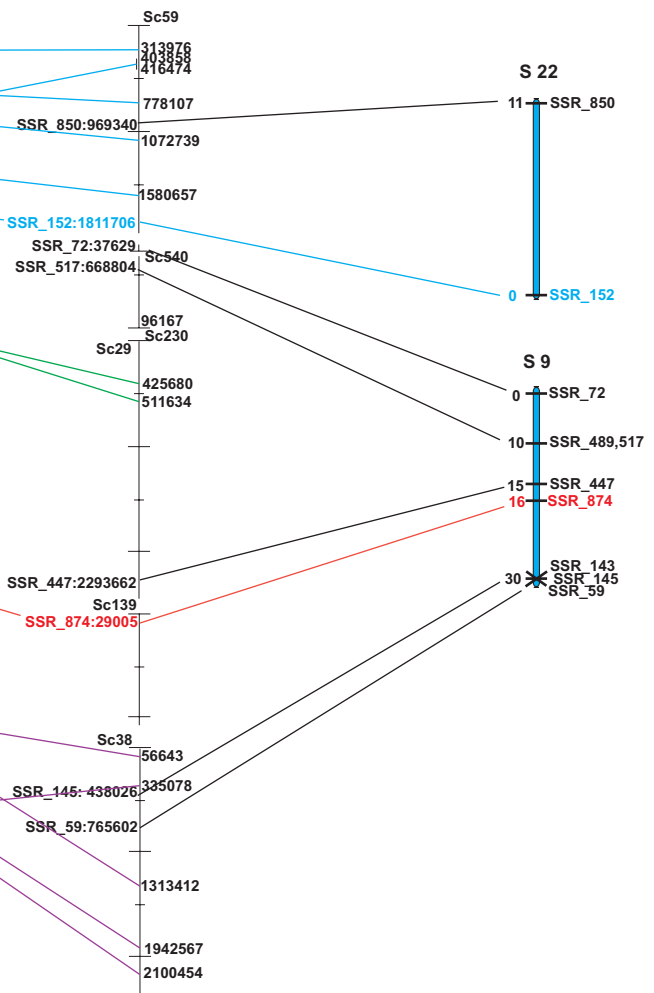
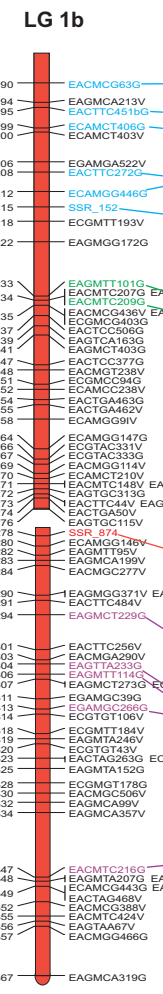
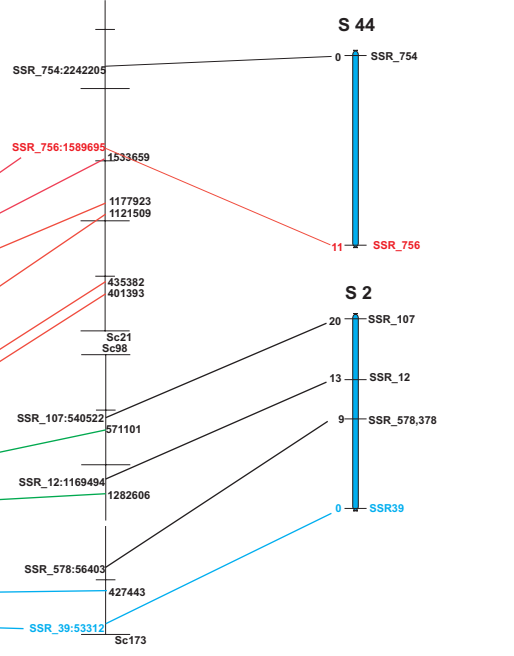
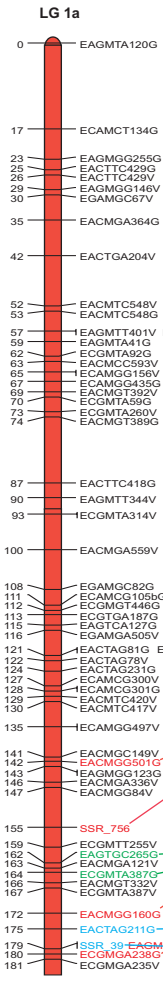


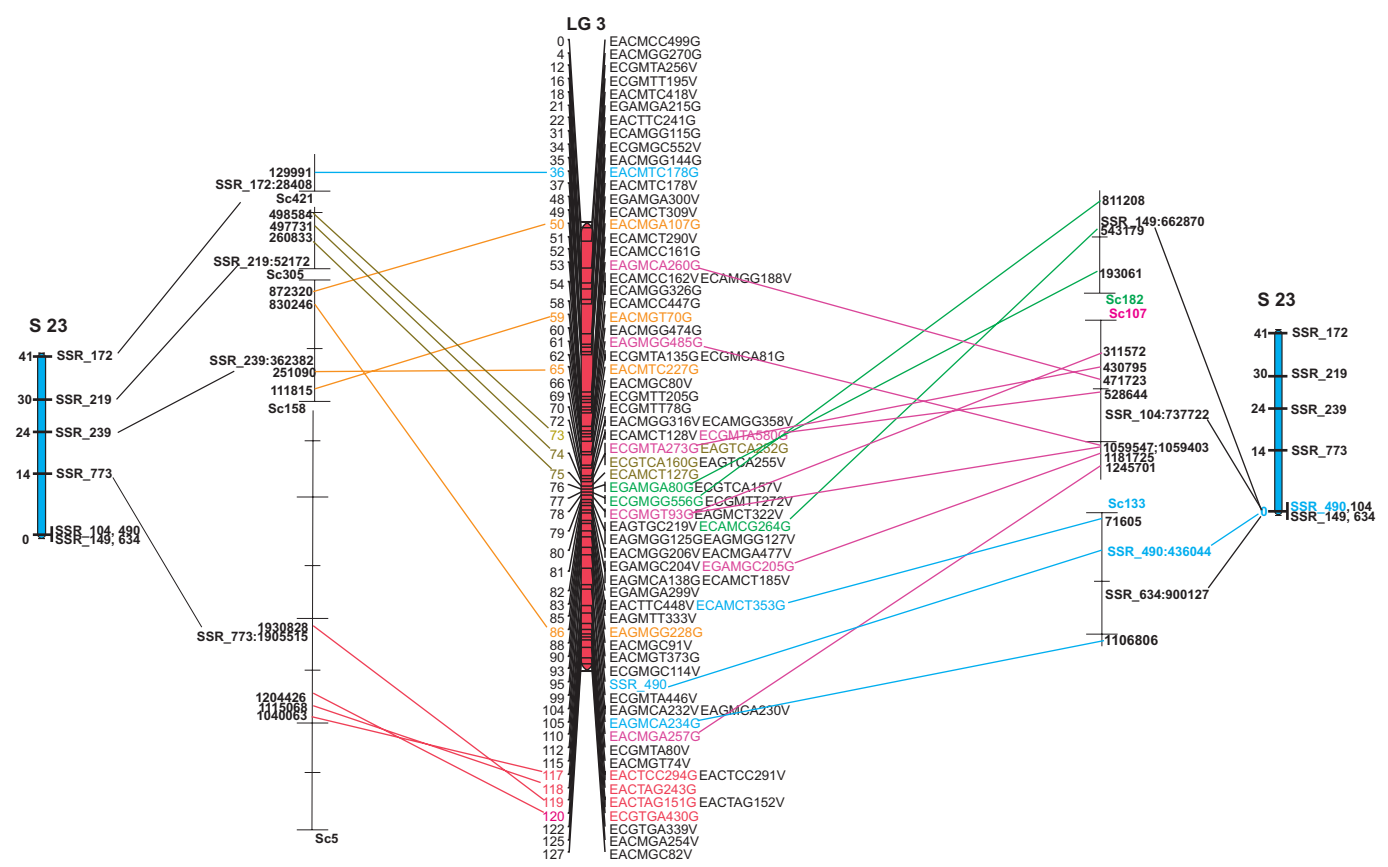
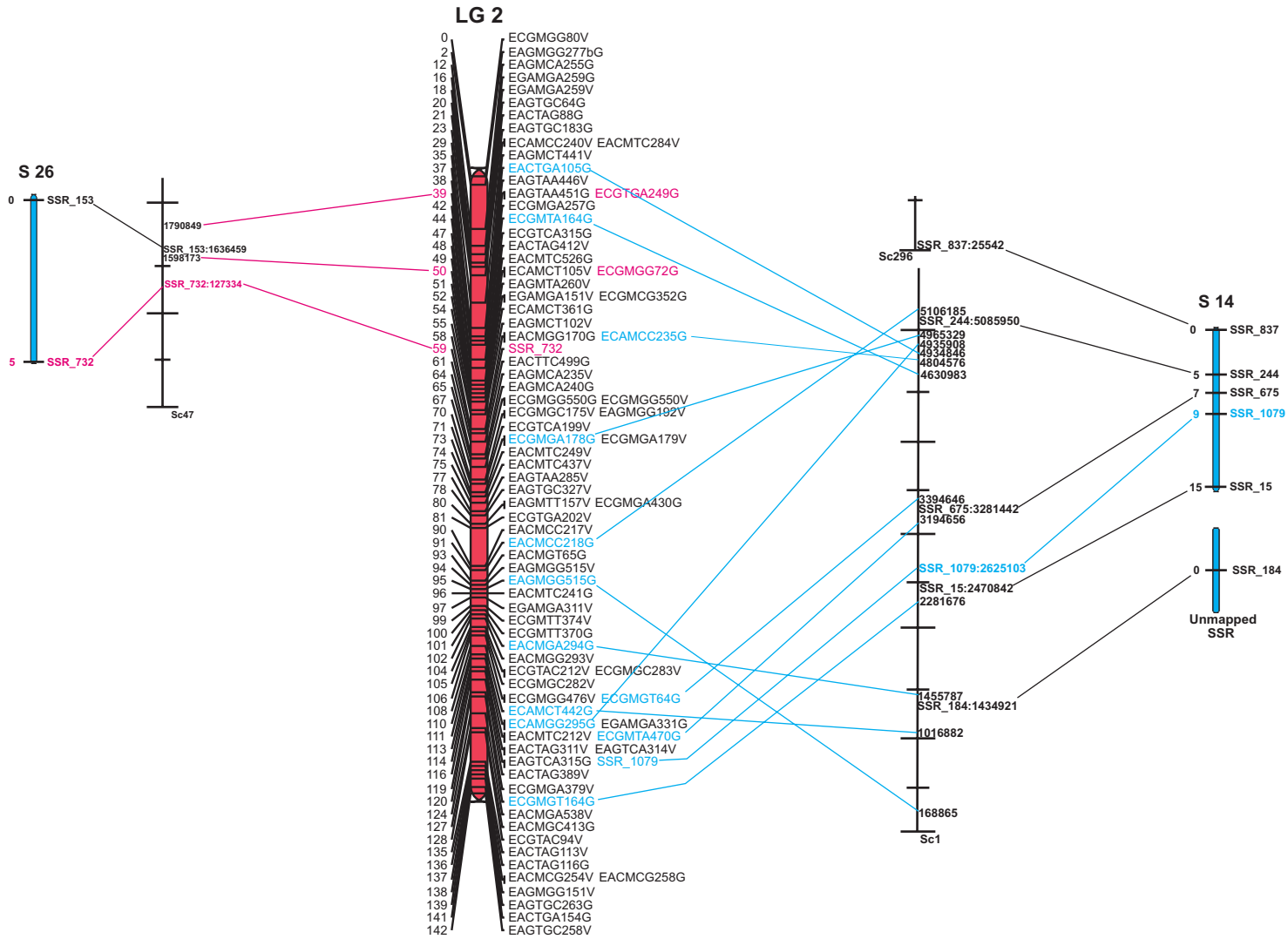
LG 30



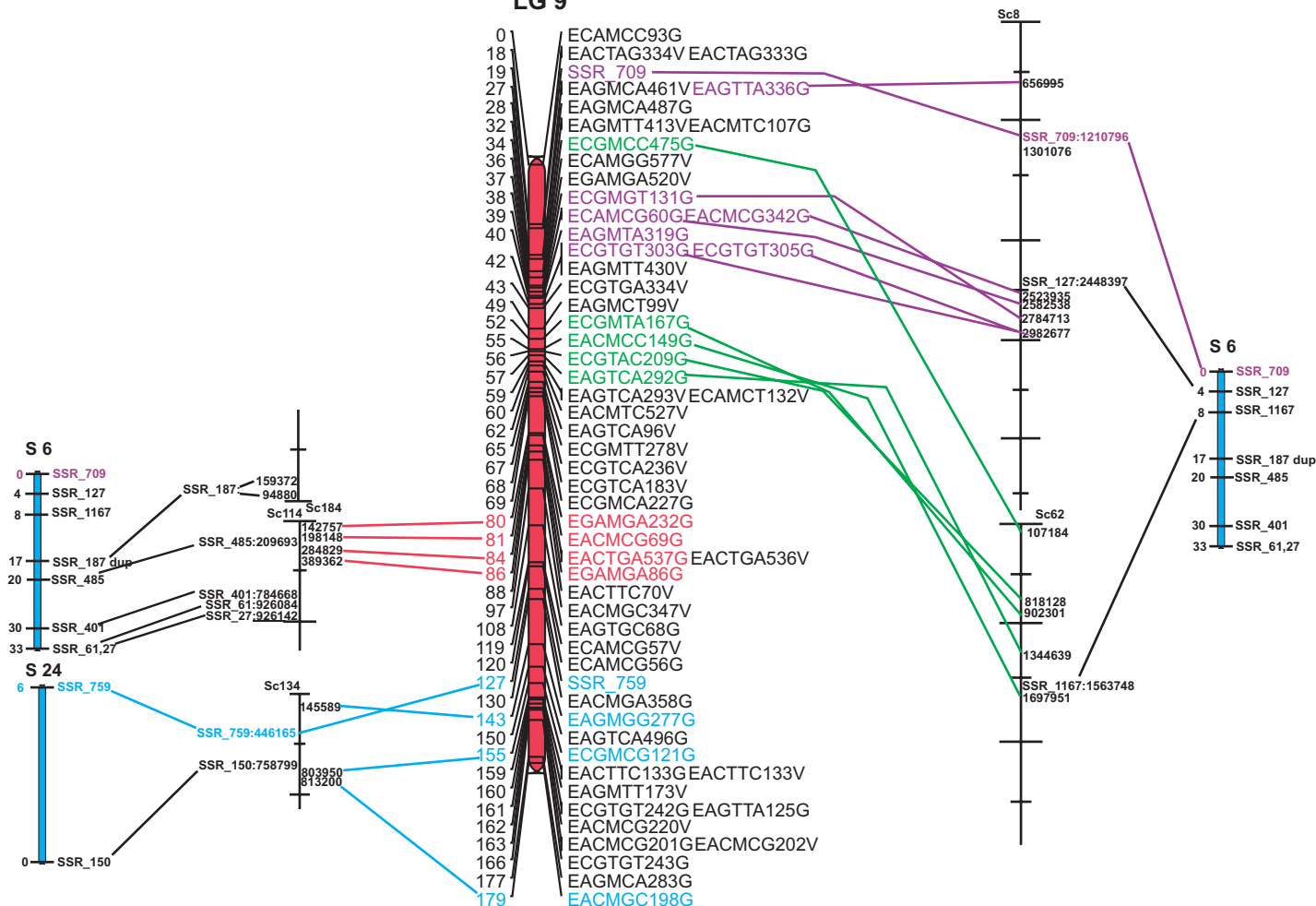
LG 31



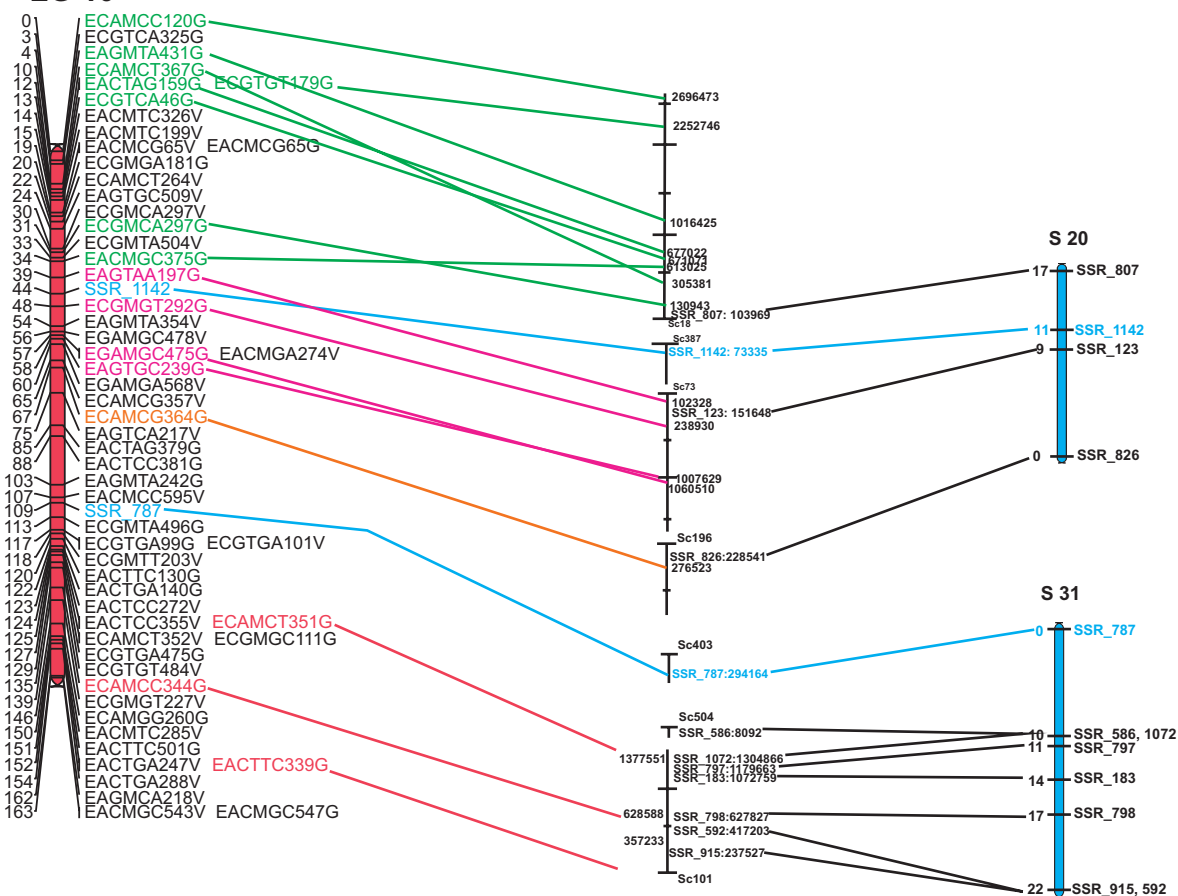


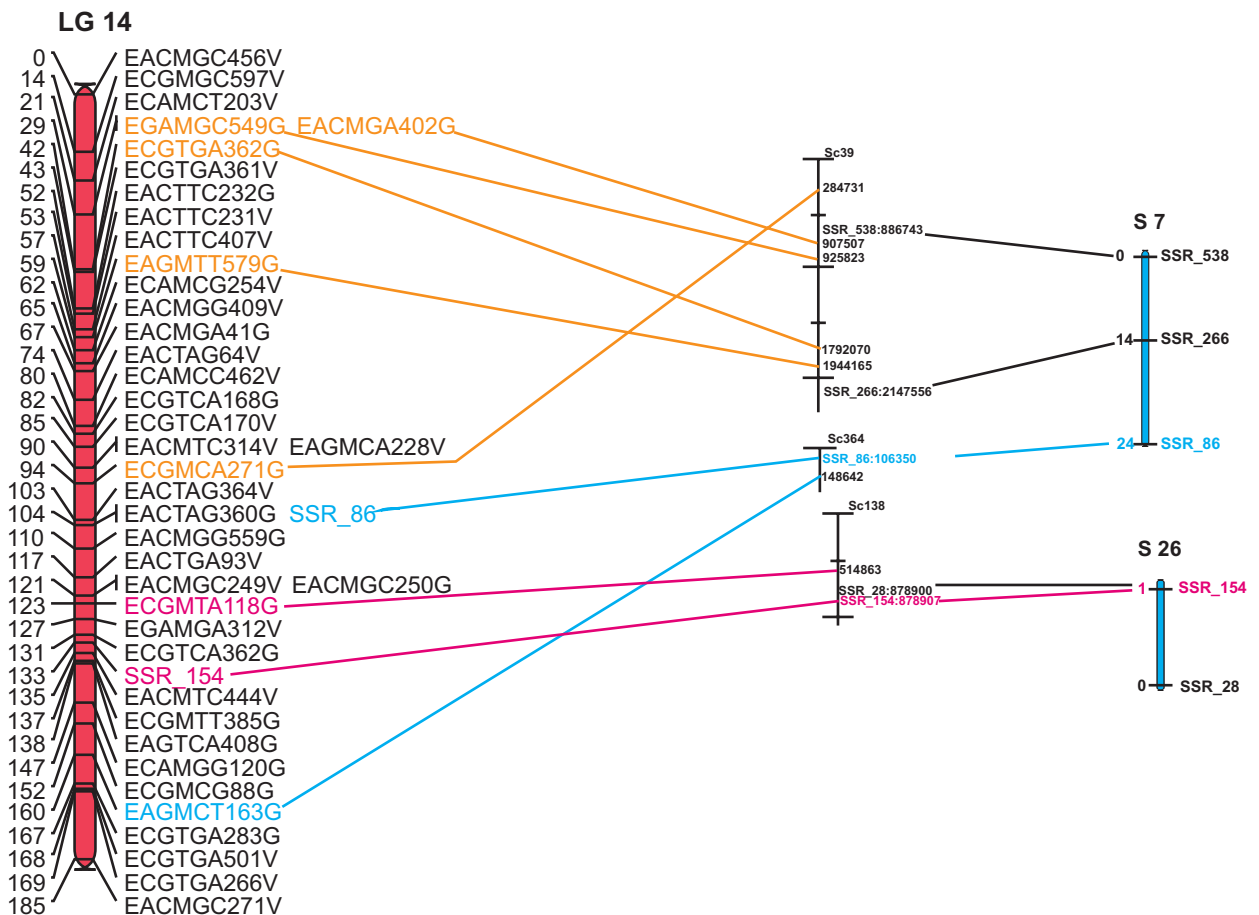
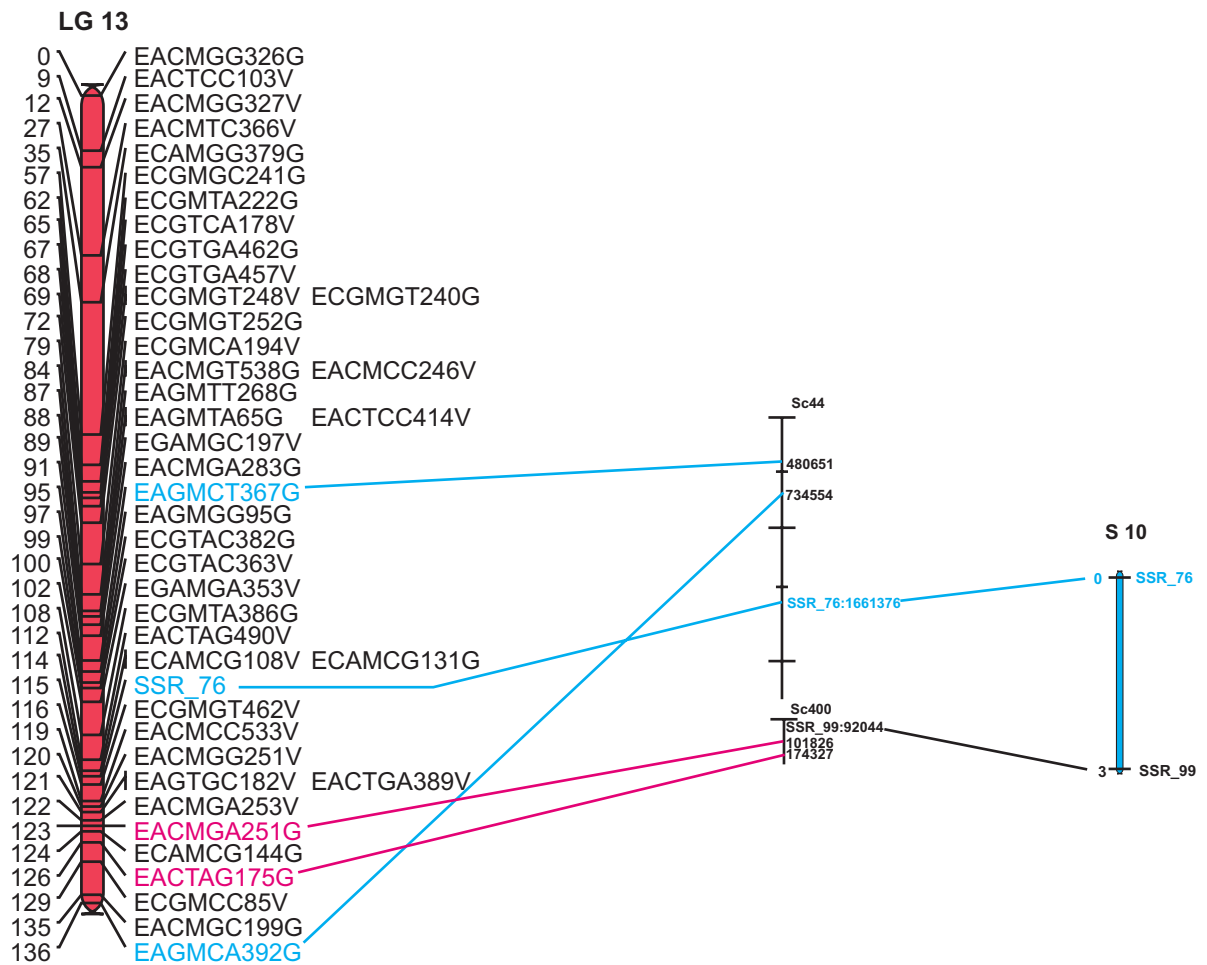


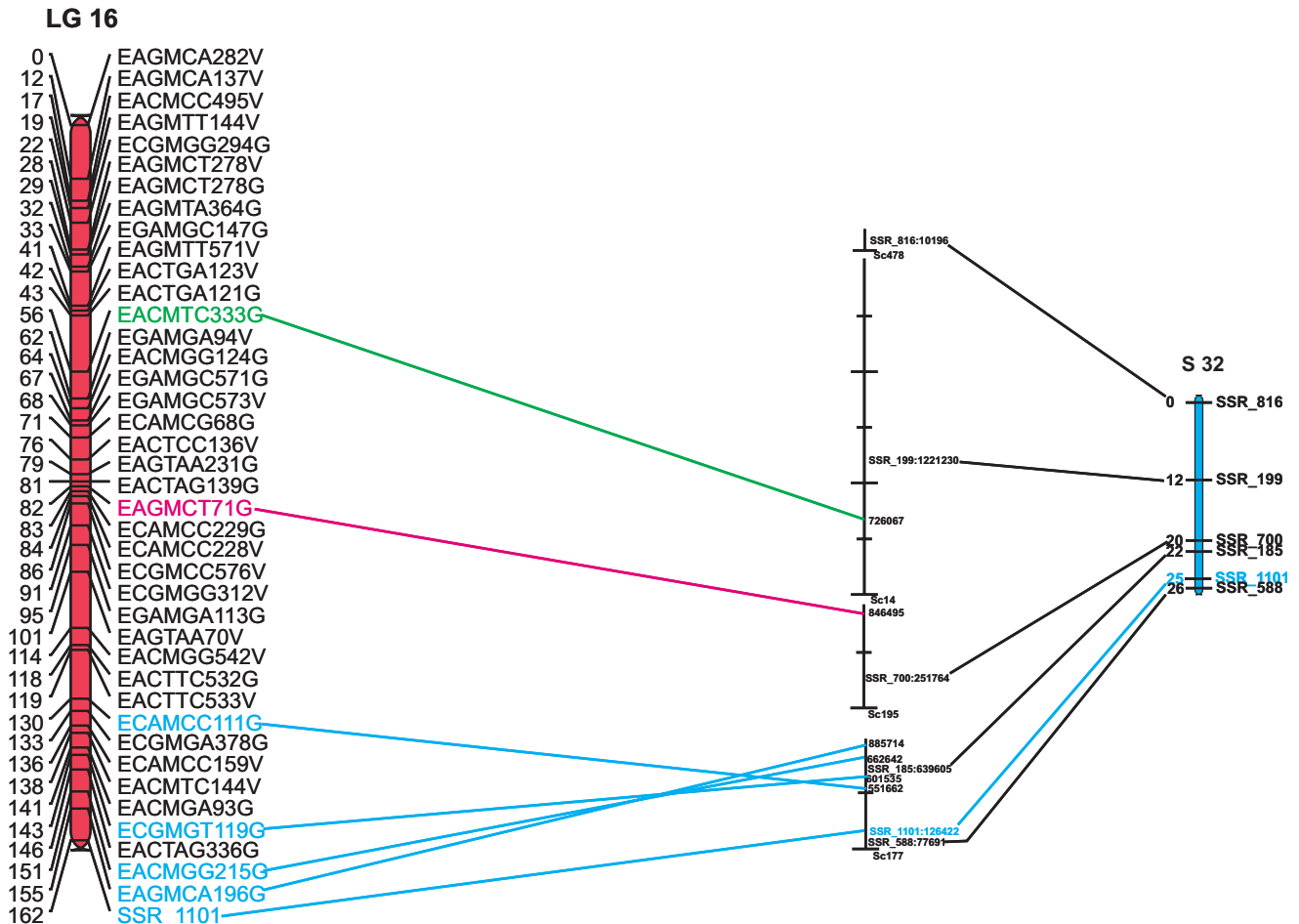
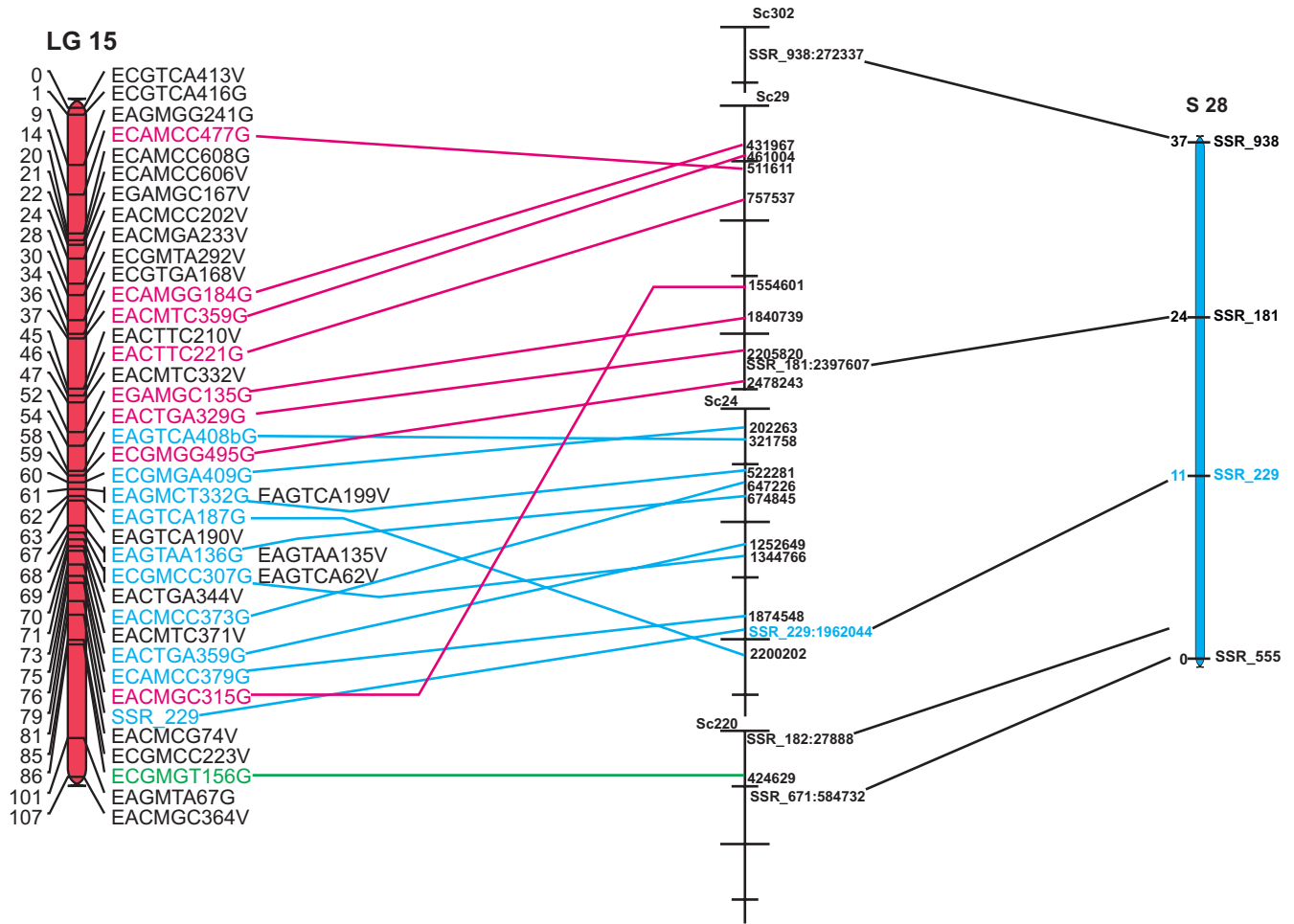
LG 9



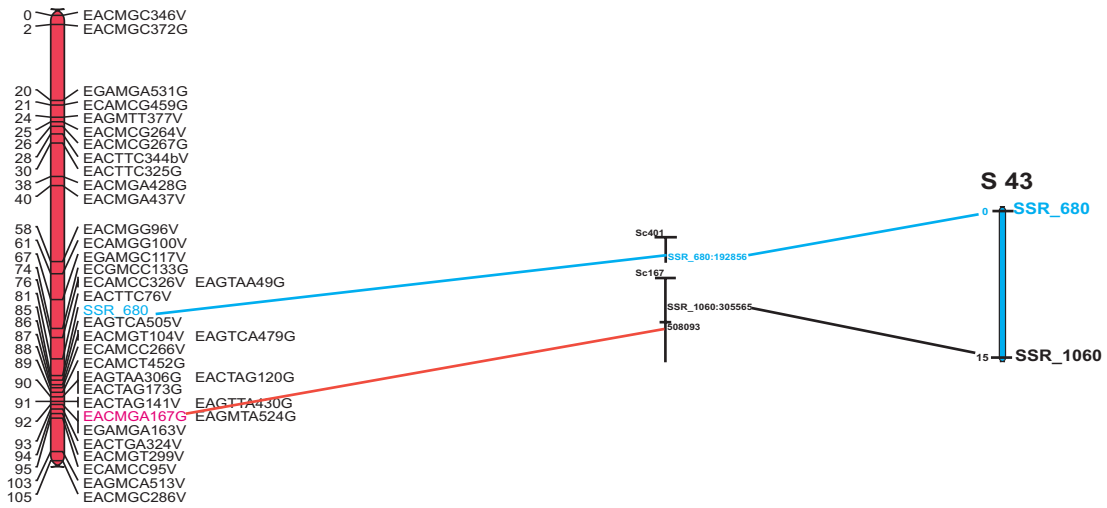
LG 10



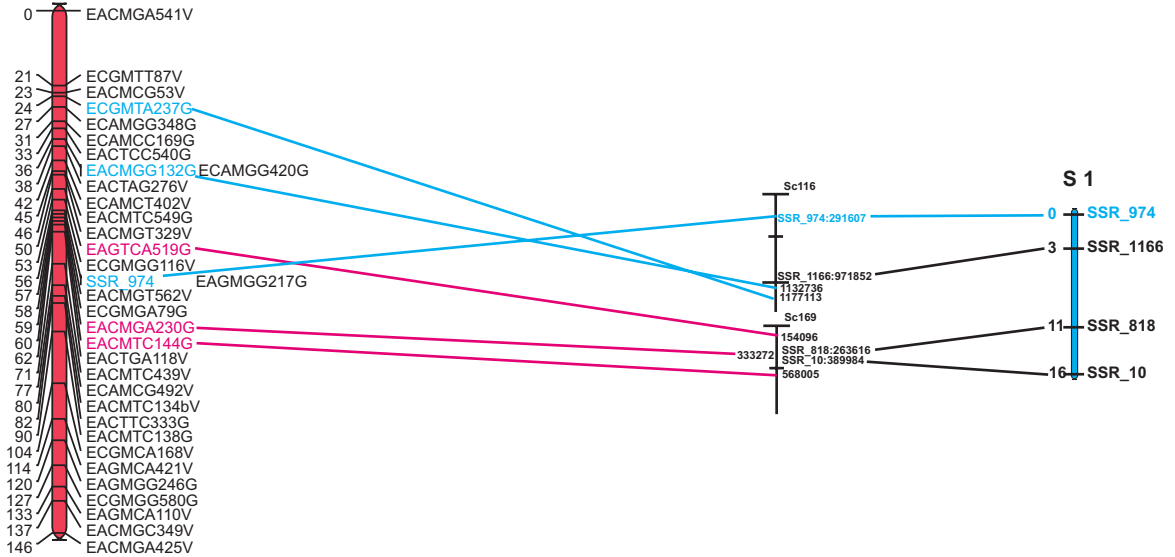




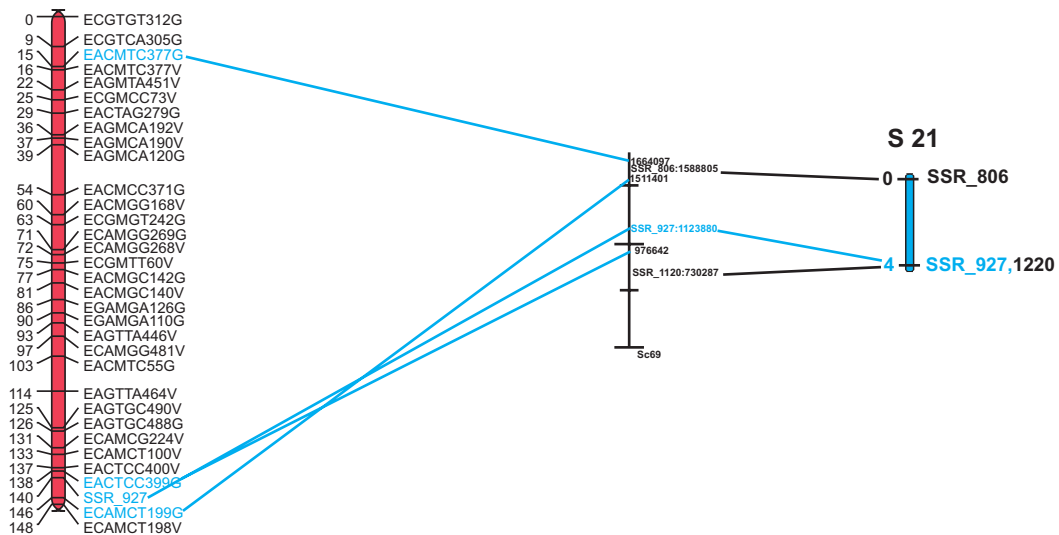
LG 17



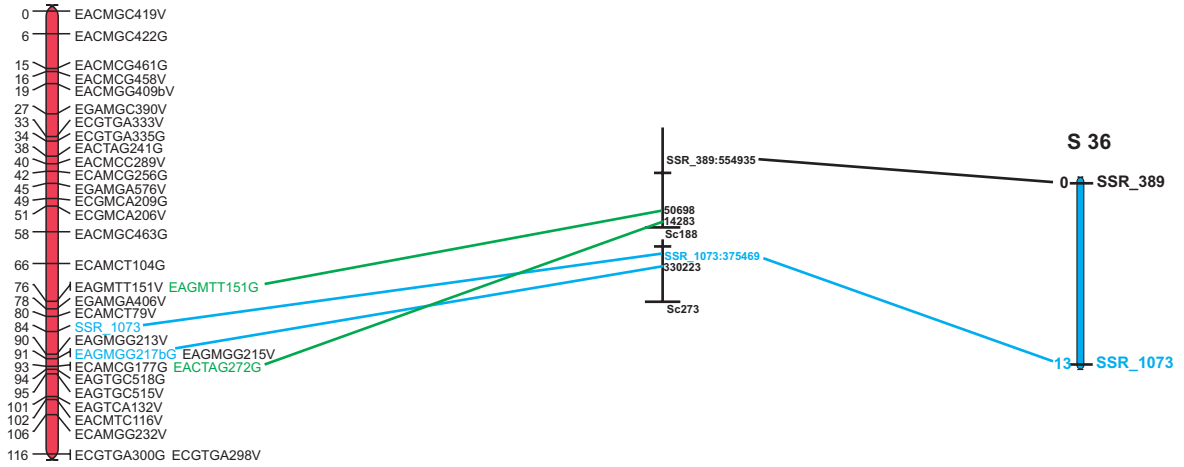
LG 18



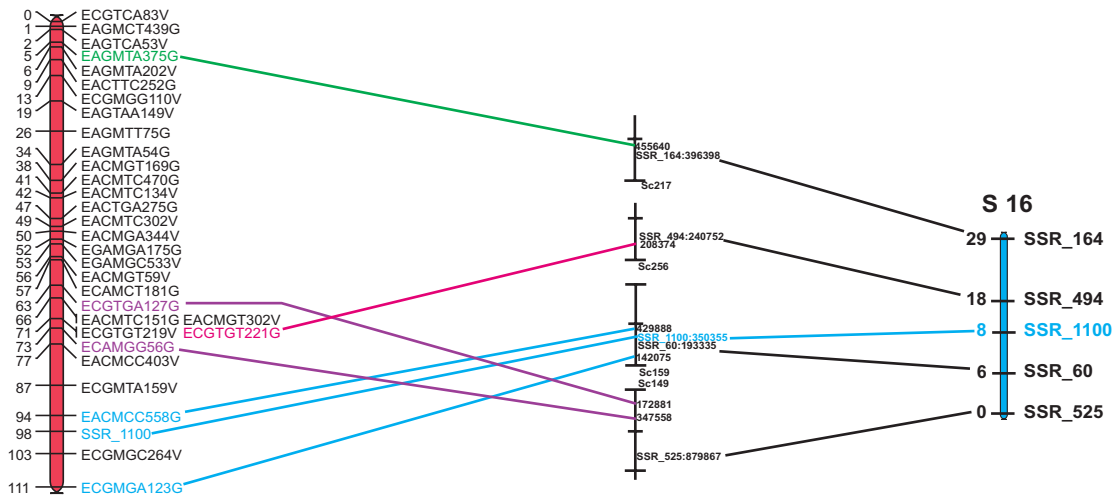
LG 19



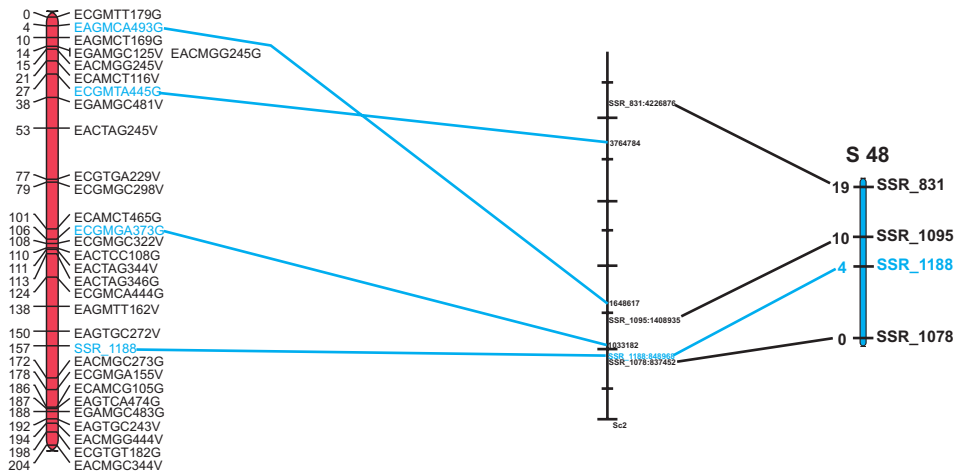
LG 20



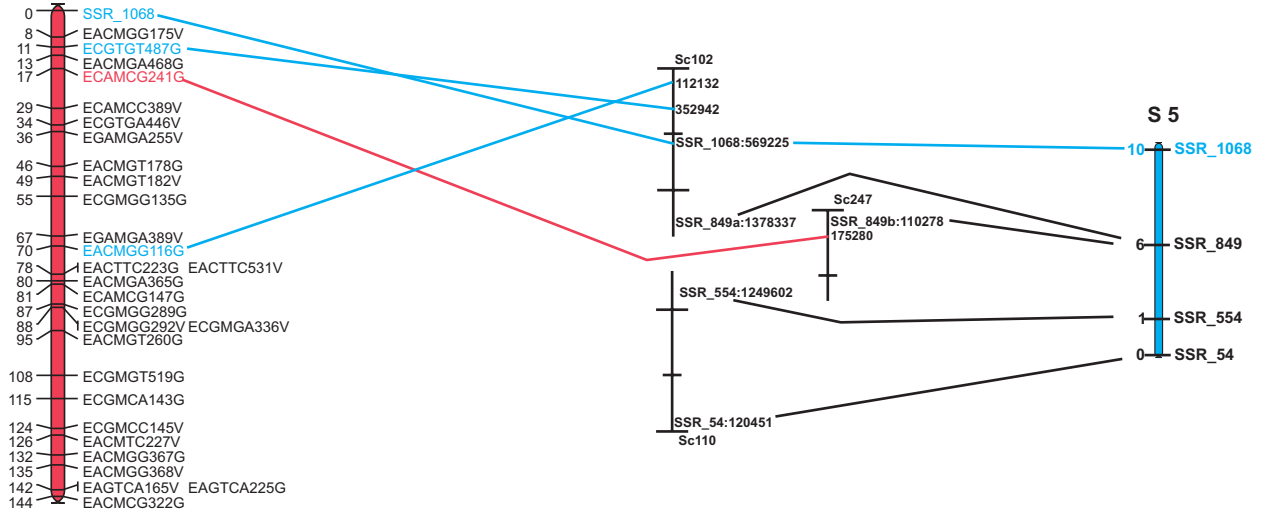
LG 21



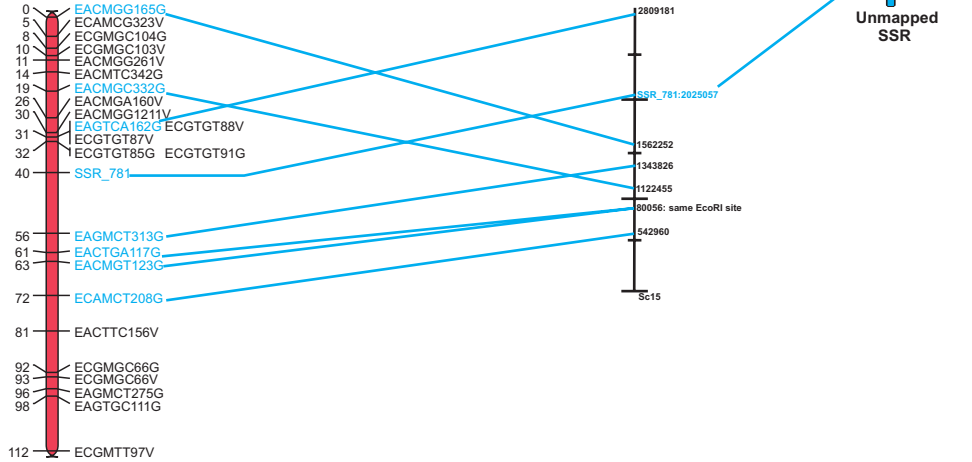
LG 22



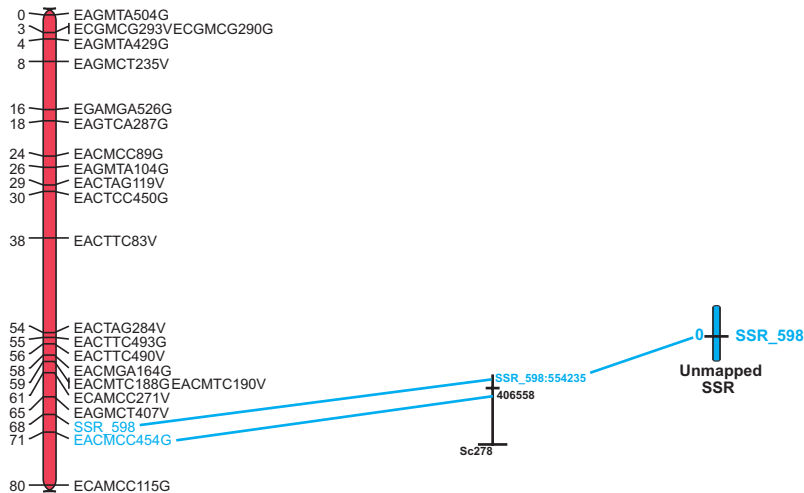
LG 23



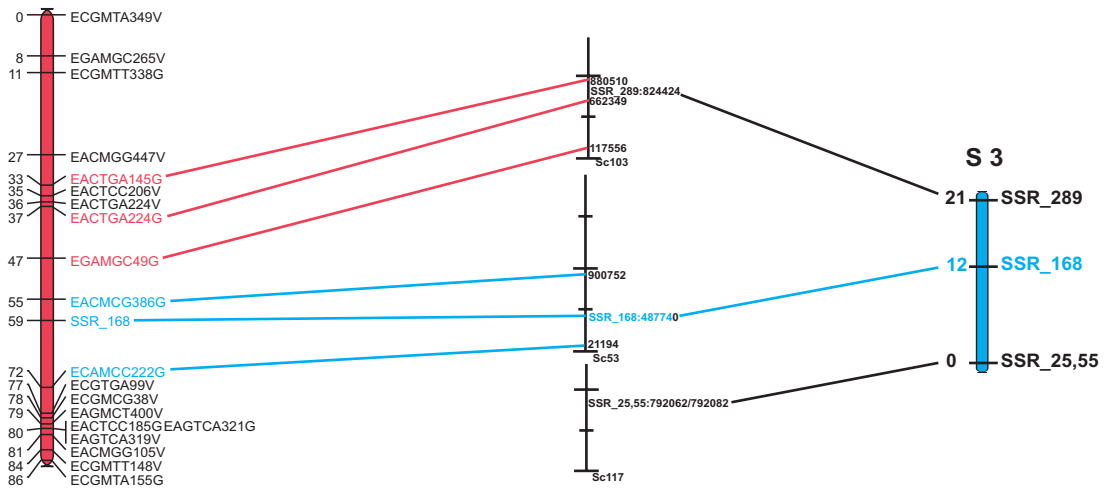
LG 24



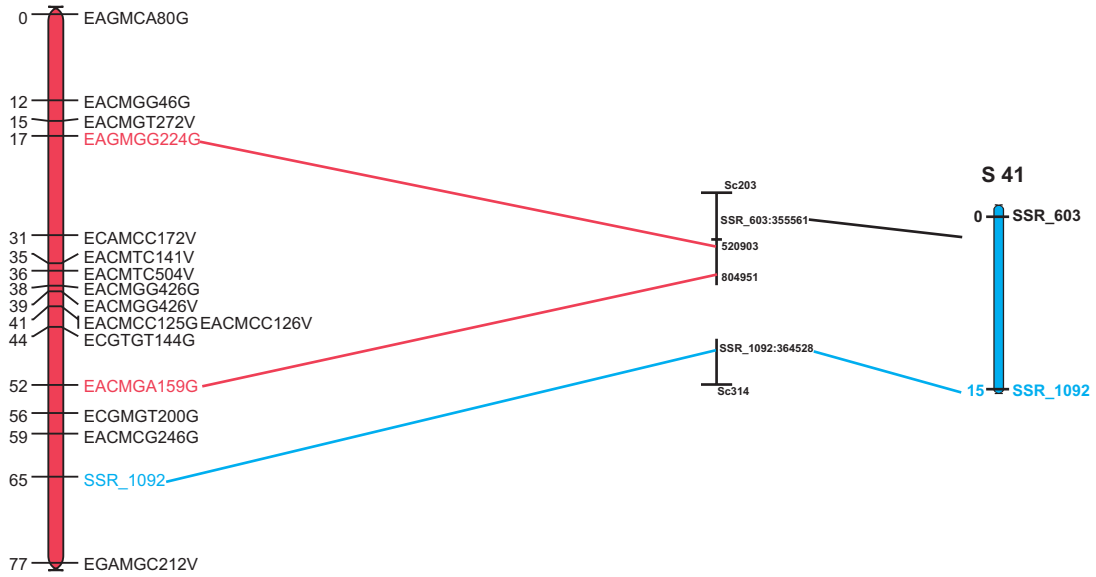
LG 25



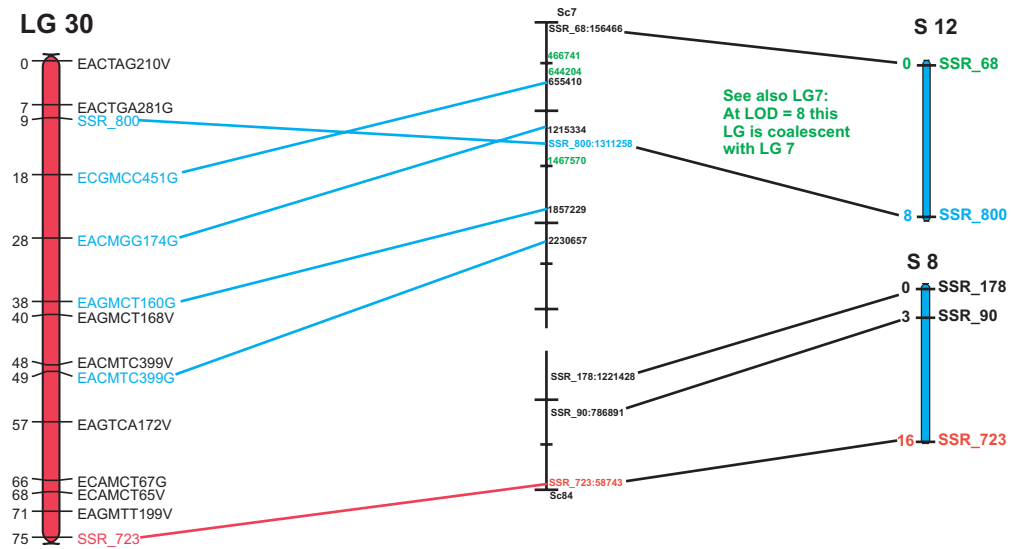
LG 28



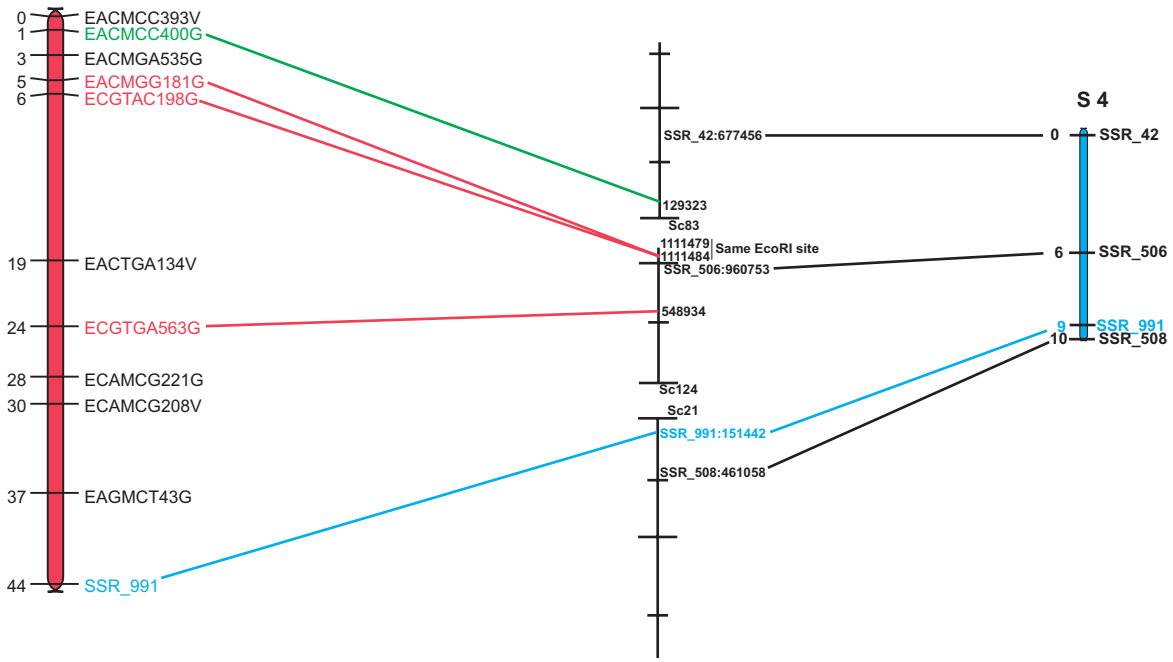
LG 29



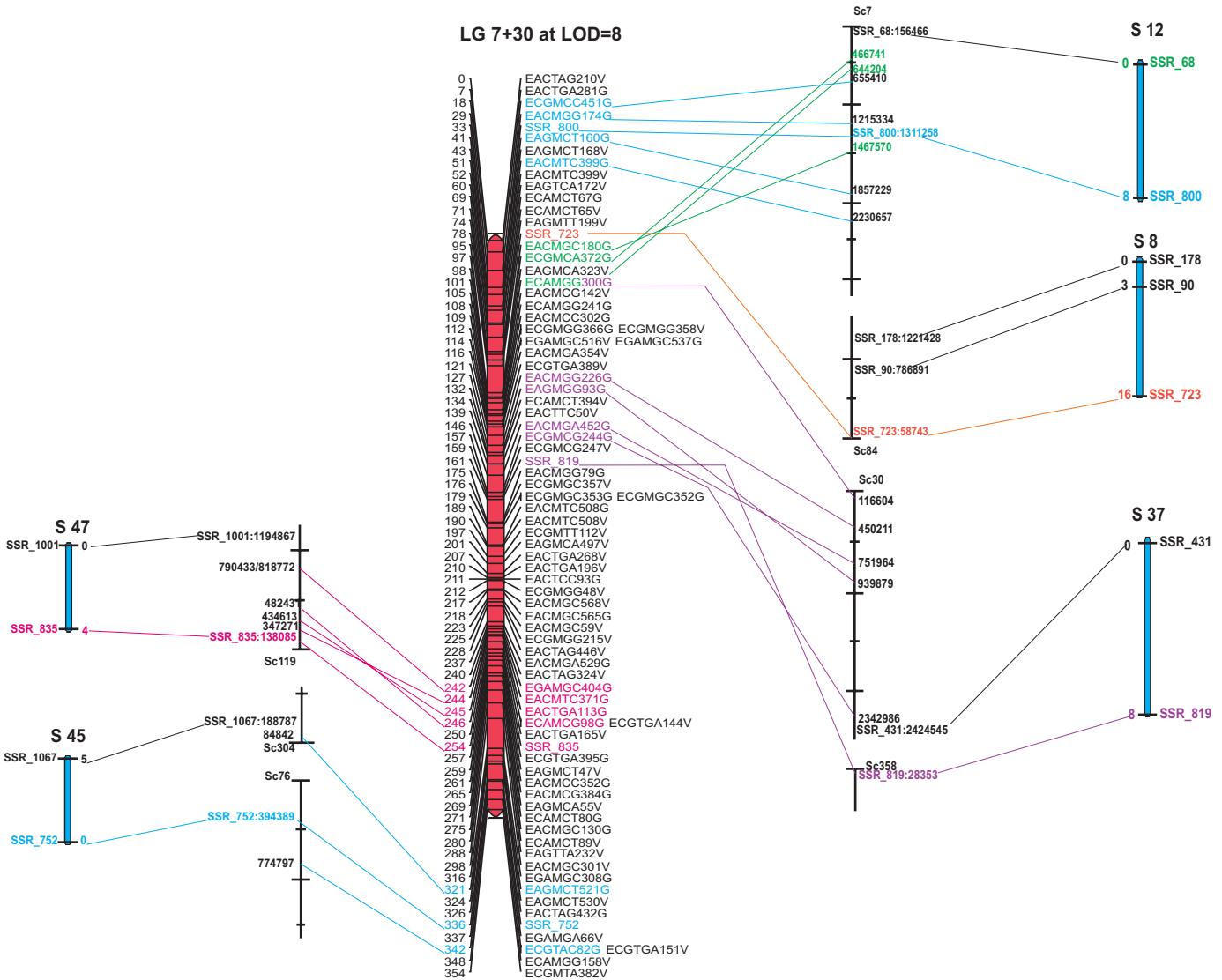
LG 30



LG 31



LG 7+30 at LOD=8



LG 20+23 at LOD=8

