

Homo-group I



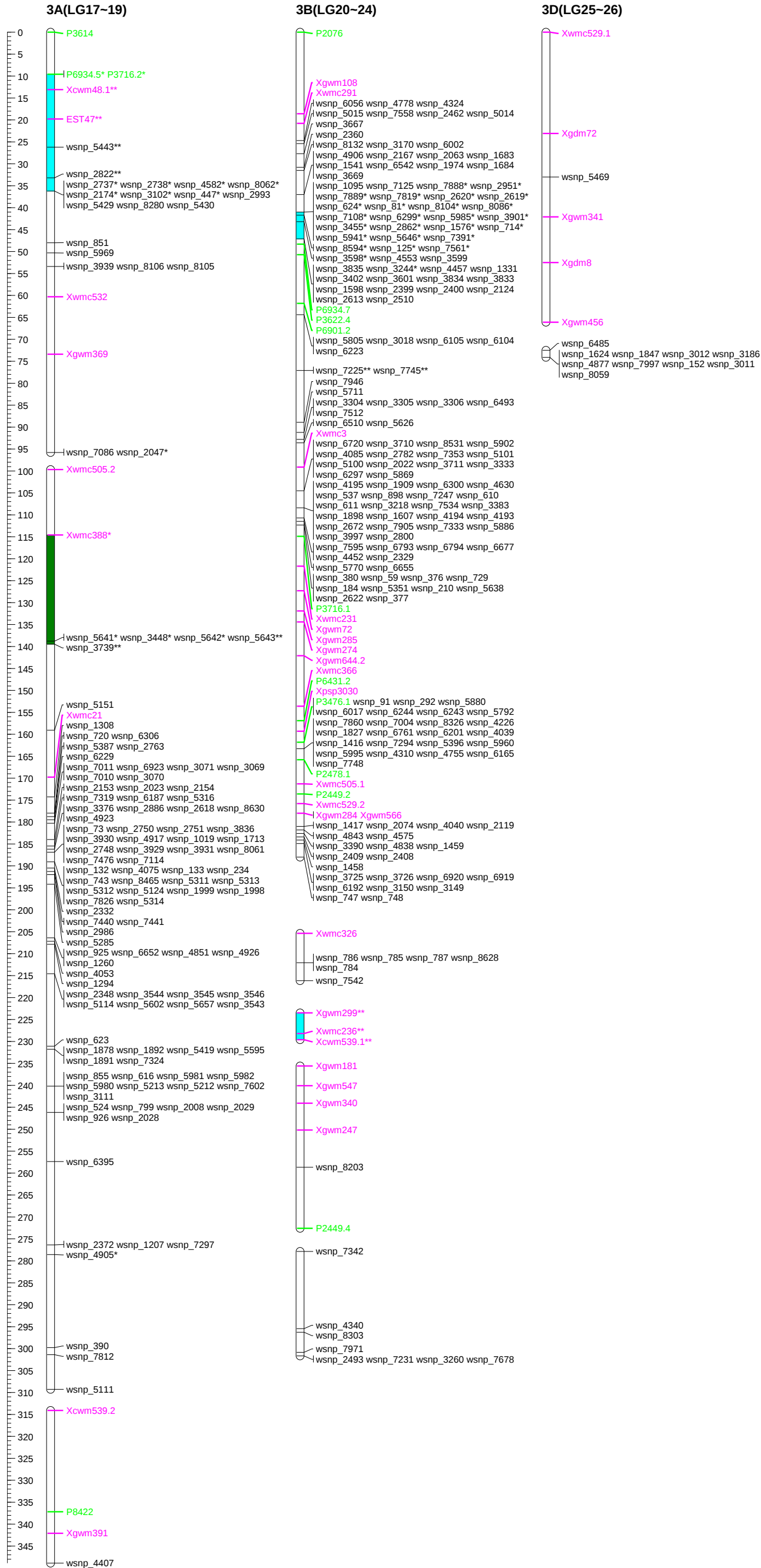
Continued

Homo-group II



Continued

Homo-group III



Continued

Homo-group IV



Continued

Homo-group V



Continued

Homo-group VI



Continued

Homo-group VII



The high-density genetic map. The integrated genetic map is constructed with three types of molecular maker, SSR (simple sequence repeat), AFLP (amplified fragment length polymorphism) and SNP (single nucleotide polymorphism), which are shown in pink, green and black, respectively. The corresponding probability for the chi square test statistics was used to evaluate the segregation distortion of markers, and * & ** after the marker name indicate the degree of segregation distortion at the probability of 0.05 and 0.01, respectively. Segregation distortion regions (SDR) are shown on the corresponding linkage groups in cyan (skewed to female parent Hanxuan 10) and green (skewed to male parent Lumai 14). Ruler with cM (centiMorgan) is at the margin of each homoeologous group. The name and linkage group number (Abbreviated as LG) are shown at the top of each chromosome.