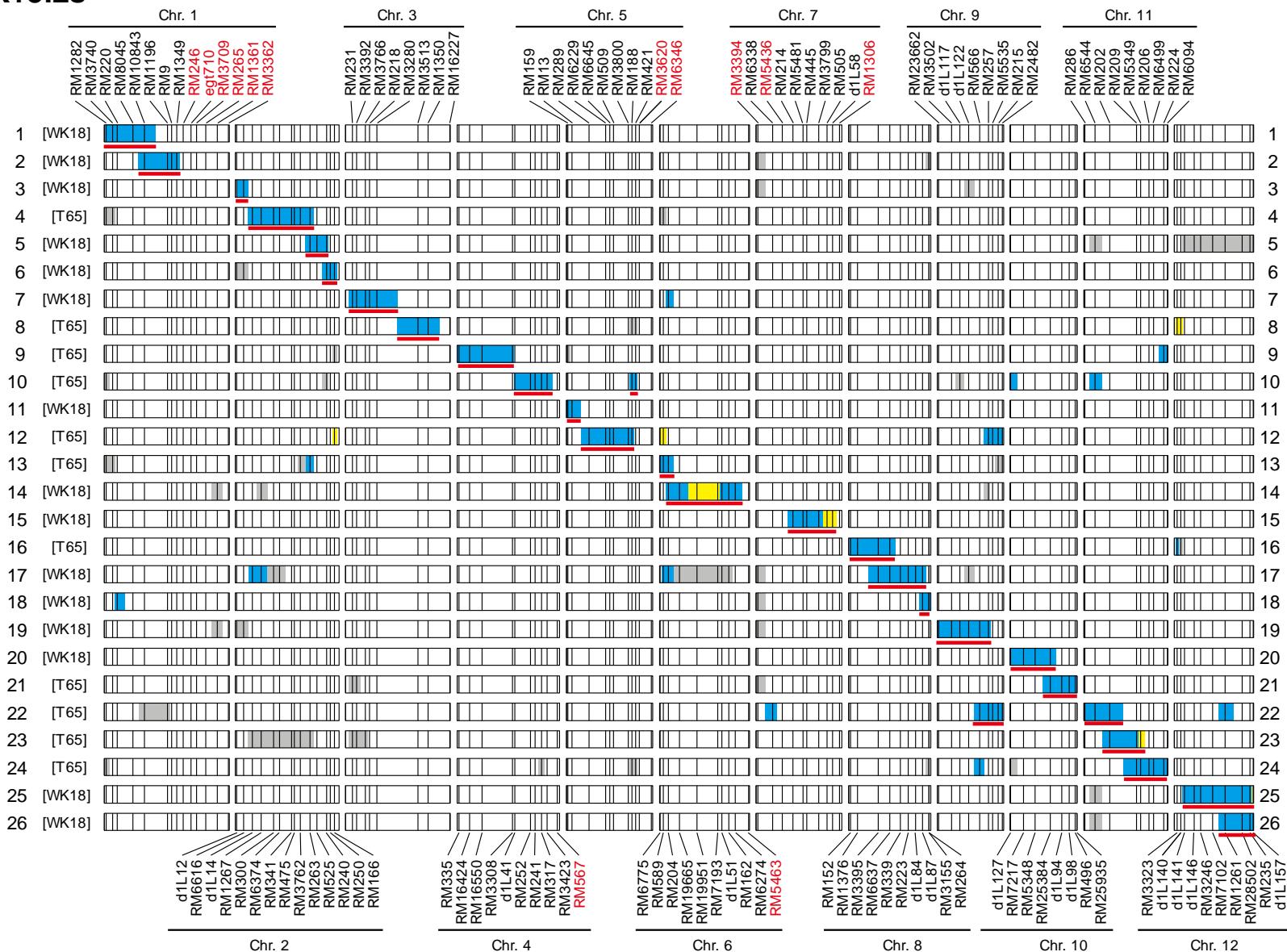


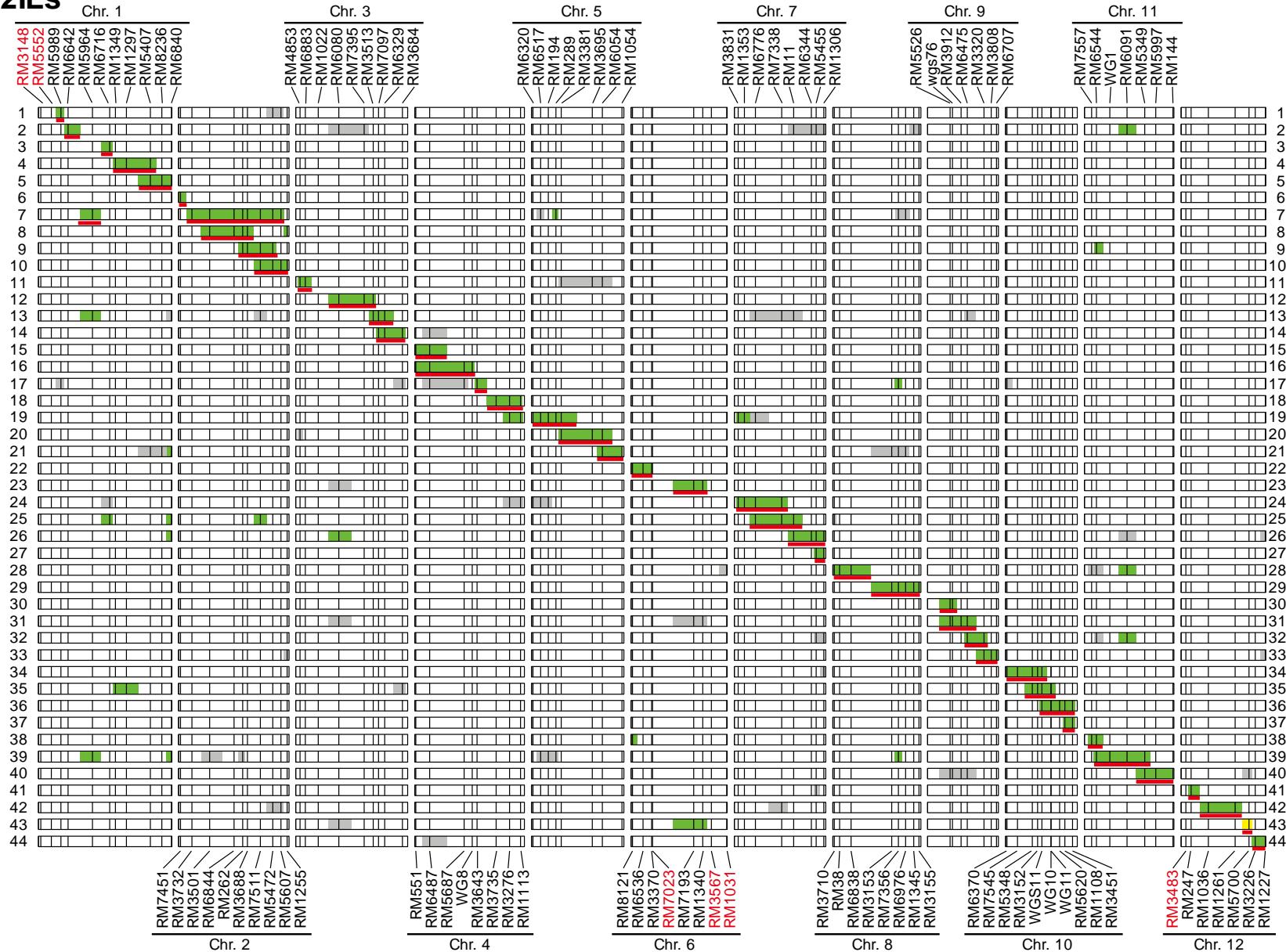
WK18ILs



Supplemental Fig. 1. Graphical genotypes of WK18ILs.

Homozygous genotypes for WK18 or heterozygous genotypes were represented in blue or yellow, respectively. The IL carrying T65 or WK18 cytoplasm is indicated by [T65] or [WK18], respectively. Missing genotypes at markers showing heterozygous genotypes at BC₄F₁ generation are indicated by grey. The chromosome region for a minimal set of introgression for alien chromosomes indicated in red underlines were target for population maintenances. Names of markers at which alien chromosomal segment was not introgressed were shown in red.

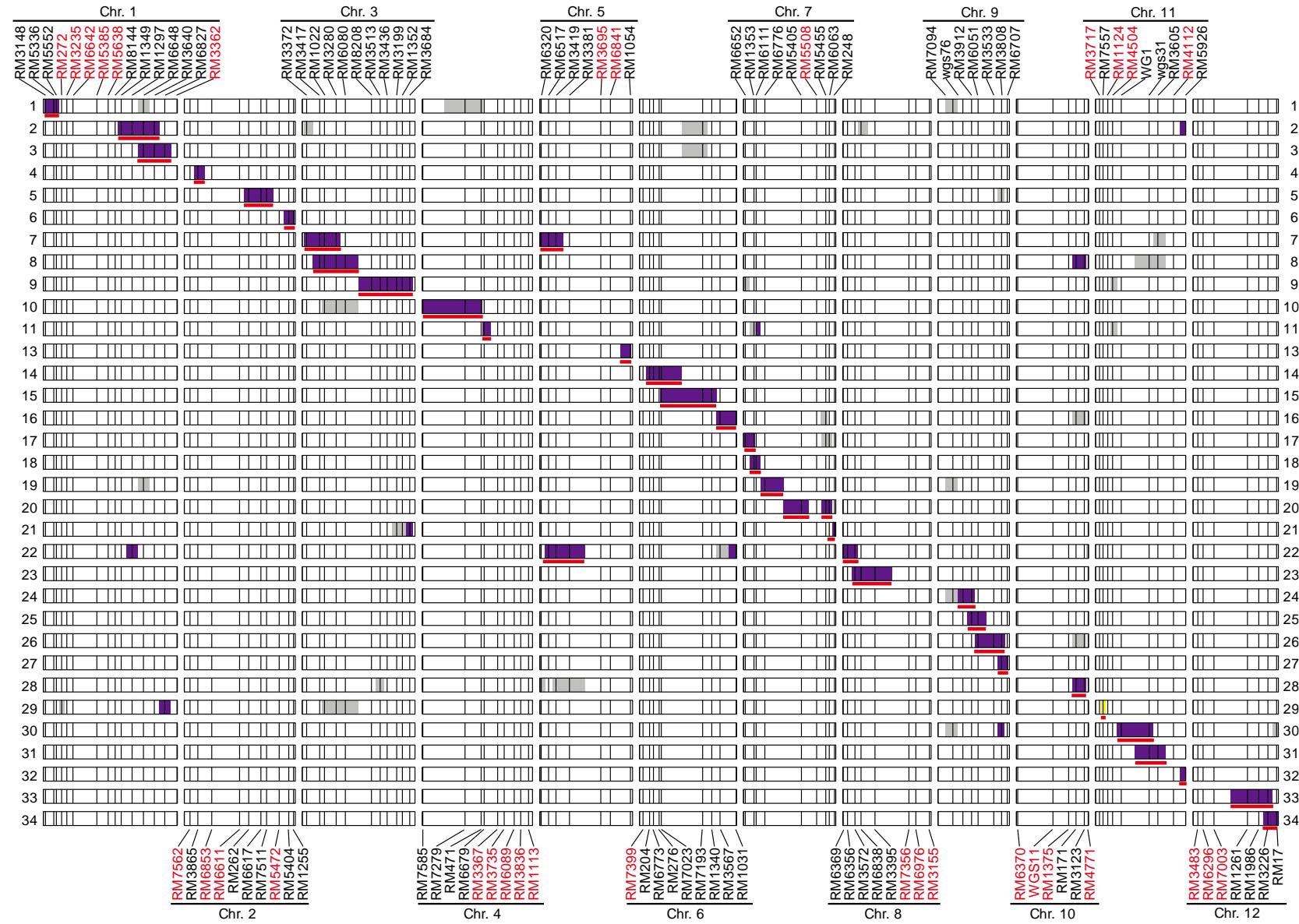
WK1962ILs



Supplemental Fig. 2. Graphical genotypes of WK1962ILs.

Homozygous genotypes for WK1962 or heterozygous genotypes were represented in green or yellow, respectively. Missing genotypes at markers showing heterozygous genotypes at BC₄F₁ generation are indicated by grey. The chromosome region for a minimal set of introgression for alien chromosomal indicated in red underlined marker names at the bottom of each chromosome column were target for population maintenances. Names of markers at which alien chromosomal segment was not introgressed were shown in red.

WK56ILs



Supplemental Fig. 3. Graphical genotypes of WK56ILs.

Homozygous genotypes for WK56 or heterozygous genotypes were represented in purple or yellow, respectively. Missing genotypes at markers showing heterozygous genotypes at BC₄F₁ generation are indicated by grey. The chromosome region for a minimal set of introgression for alien chromosomes indicated in red underlines were target for population maintenances. Names of markers at which alien chromosomal segment was not introgressed were shown in red.