



Fig. S1. Genetic positions of microsatellite markers (green) and flanking open reading frames (ORFs, red) based on the chloroplast genome of *C. vulgaris* C-27 (AB001684).

The mChl-011 marker is located in the *minD* gene, and the interspace region between the mChl-001 and mChl-005 loci is located near the *psb* family operon. Two markers, mChl-002 and mChl-012, are located in unknown genes.