

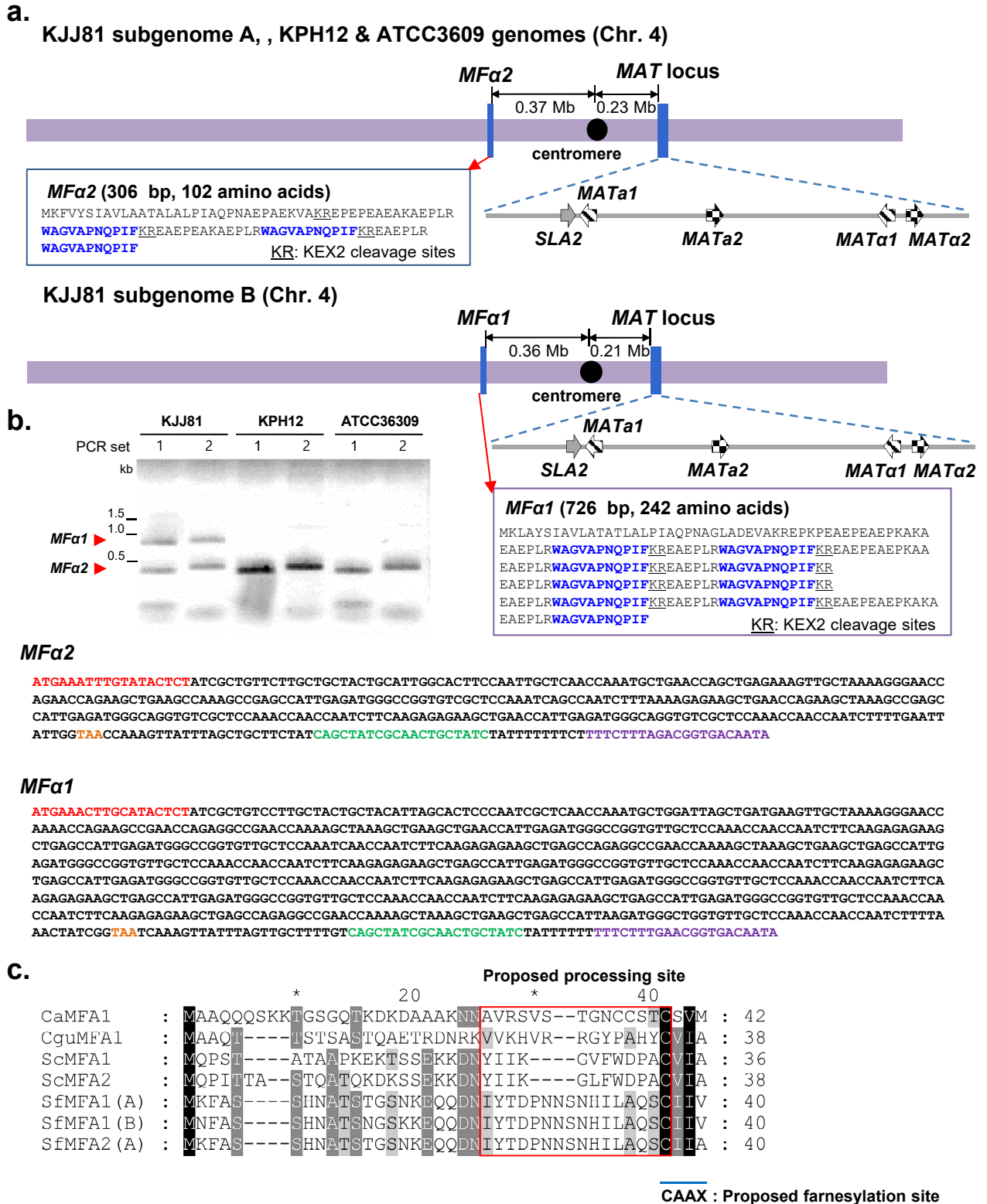


Figure S8. Comparative analysis of mating type locus (*MAT*) organization and mating-type hormone genes between *S. fibuligera* subgenomes A and B. **(a)** The *MAT* locus and *MFa* genes with their expected amino sequences. **(b)** PCR analysis to detect the presence of *MFa1* and *MFa2* genes in *S. fibuligera* isolates. PCR set 1 was performed using the primers $\alpha F1$ (red, ATGAAAYTTGYATACTCT) and $\alpha R1$ (green, GATAGCAGTTGCGATAGCTG), whereas PCR set 2 was performed using the primers $\alpha F1$ and $\alpha R2$ (purple, GTTGAATCTRTATTGTCACCG). Orange: stop codon. **(c)** Alignment of putative amino acid sequences of mating factor a (MFA) from *C. albicans* (Ca), *C. guilliermondii* (Cgu), *S. cerevisiae* (Sc), and *S. fibuligera* (Sf). C: cysteine, A: aliphatic, and X: any amino acid.