Figure S3: Correspondence between the optical map and the PacBio assembly of the *Microbotryum lychnidis-dioicae* mating-type chromosomes. The vertical lines within the chromosomes indicate restriction sites. Alignments compare restriction fragment sizes on single DNA molecules and from in silico sequences. Regions highlighted in blue indicate aligned optical map and in silico restriction site distributions, while regions in grey could not be aligned (i.e., a1 centromeres and a2 telomeres).