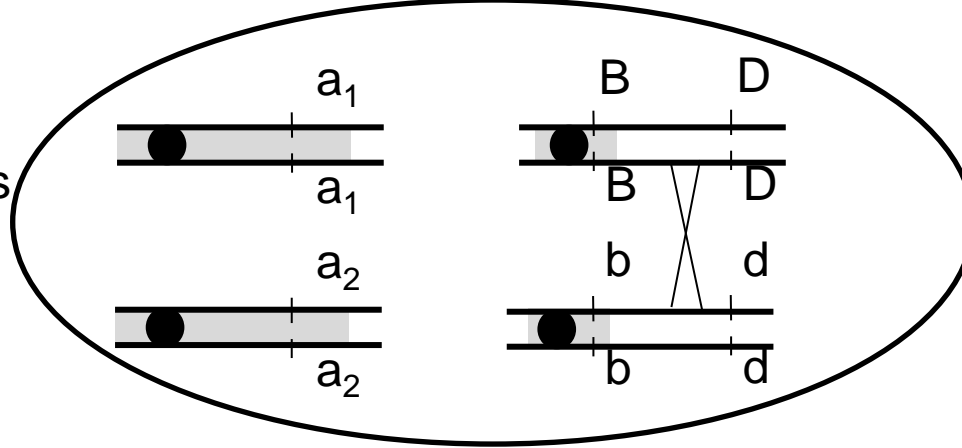
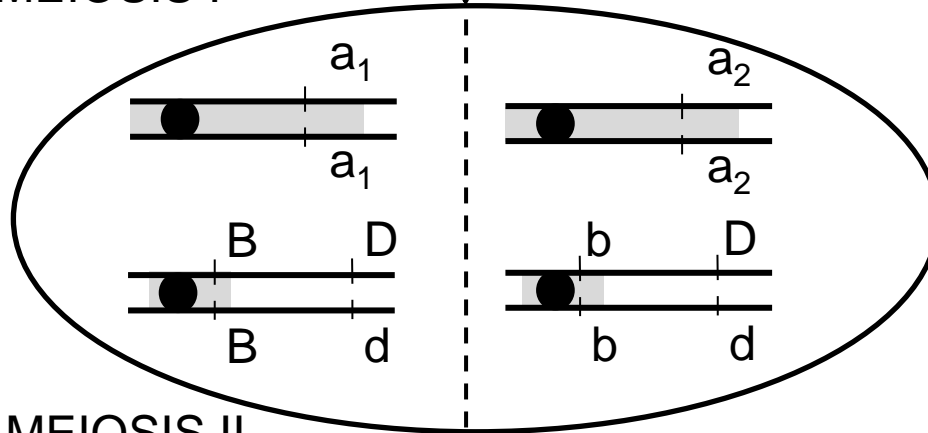


Diploid
teliospore
heterozygous
at three loci
including the
mating type



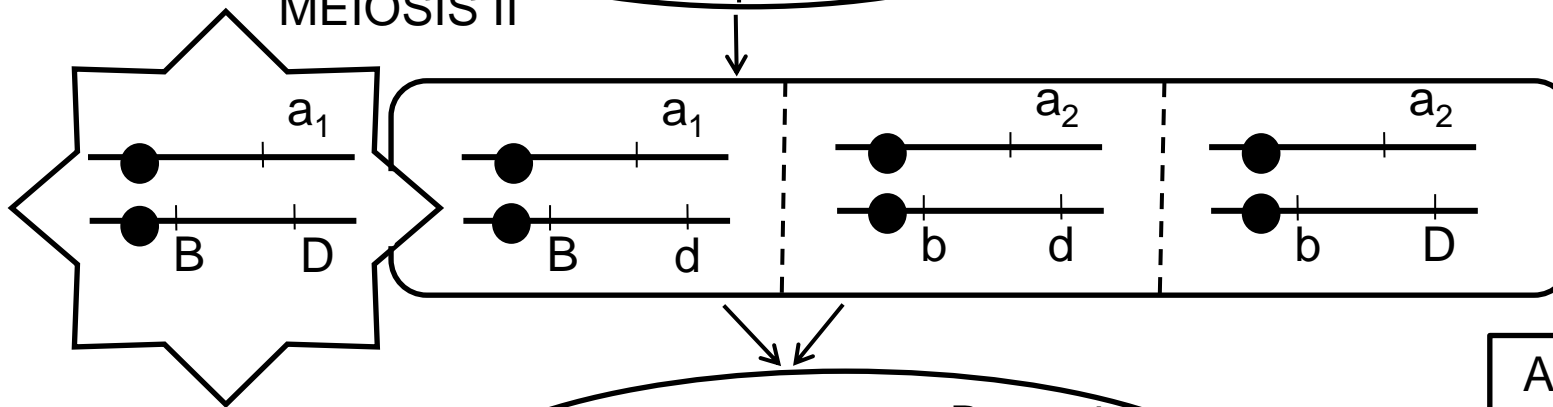
- centromere
- Suppressed recombination
- a_1 Mating type allele
- b Haplo-lethal allele
- X Recombinaison

MEIOSIS I



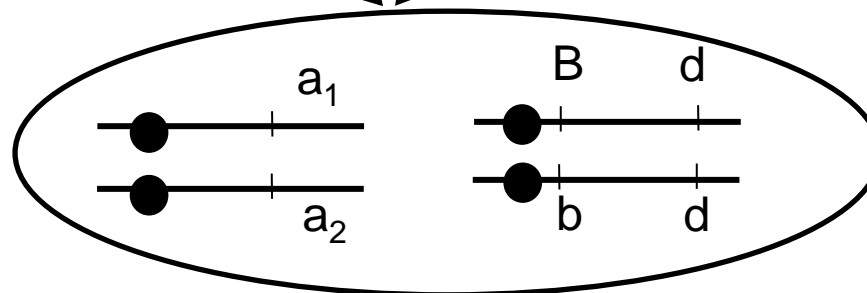
All loci linked to
centromeres associate
with the mating type as it
segregates at meiosis I

MEIOSIS II



Aligned tetrad in
a promycelium

INTRATETRAD
MATING



All heterozygosity linked
to mating type loci and
centromeres is therefore
restored

Figure S1: Automixis in *Microbotryum*. As all loci linked to the centromere segregate at Meiosis 1 with the mating type, all heterozygosity at these loci are restored by intratetrad mating, occurring necessarily between cells of different mating type alleles. This shelters deleterious loci linked to centromeres as well as those linked to the mating type. Figure after Hood and Antonovics 2000.