

TABLE S9**Recombination data for *MT*- x *MT*- progeny**

Linked Markers	Chromosome	Recombinants ¹		Measured cM
		expected ²	observed	
<i>MID-NIC7</i>	VI (<i>MT</i>)	14/600	0/600	0
<i>MAT3-PDK1</i>	VI (<i>MT</i>)	3/146	0/146	0
<i>4121-MT</i>	VI	27/96	26/96	27
<i>GAR1-GSAT</i>	III	20/96	20/96	21

1. recombinant progeny/total progeny. 2. Expected recombinants for *MID-NIC7* and *MAT3-PDK1* is based on the genome-wide average of ~1 cM/100 kb. For *4121-MT* (mating type) and *GAR1-GSAT* the expected value is based on published data [49].