

TABLE S8
Recombination data for *MT+* homozygous cross.

	Nic	NIC7	PDK1	MTA1	PR46a	SAD1	Thi	MAT3	MMP1	YPT4	GP1
Parents											
K33	-	K33	K33	K33	K33	K33	-	K33	K33	K33	K33
CC-2344	+	356	356	356	356	356	+	356	356	356	356
Progeny											
BA17	+	356	nd	nd	nd	356	-	K33	K33	356	K33
BA23	-	K33	K33	356	nd	356	+	356	356	K33	K33
BA25	-	K33	nd	nd	nd	K33	+	356	K33	K33	K33
BB22	+	356	356	356	K33	K33	-	K33	356	K33	356
BB25	-	K33	nd	nd	nd	K33	+	356	K33	K33	K33
BC10	-	K33	nd	nd	nd	K33	+	356	356	K33	356
BC29	+	356	nd	nd	nd	356	-	K33	356	K33	356
BC43	-	K33	nd	nd	nd	K33	+	356	356	K33	356
BD23	-	K33	K33	K33	356	356	+	356	K33	K33	K33
BD25	-	K33	K33	K33	K33	356	+	356	356	K33	356
BF27	+	356	nd	nd	nd	356	-	K33	356	K33	K33
BF30	-	K33	nd	nd	nd	K33	+	356	356	356	K33
BF39	+	356	356	K33	nd	K33	-	K33	356	356	K33
BG7	+	356	356	K33	nd	K33	-	K33	K33	356	356
BH14	+	356	nd	nd	nd	356	-	K33	K33	K33	356
BH29	-	K33	nd	nd	nd	K33	+	356	K33	356	356
BH39	-	K33	nd	nd	nd	K33	+	356	356	356	K33

Parental strains K33 and CC-2344 (both *MT+*), were crossed and progeny that showed recombination between NIC7 and THI10 were scored for additional markers in the indicated genes. The first 8 markers are in *MT* and listed in the order they occur on chromosome 6. MMP1, YPT4 and GP1 are unlinked to *MT* and were used as controls to show independent assortment of autosomal markers in the cross. Nic and Thi represent auxotrophy (-) or prototrophy (+) for nicotinamide or thiamine respectively.