

Table S4 Recombination and spore viability of Ade6 heteroallele.

	WT	<i>rad16-249</i>	<i>rdh54</i>Δ	<i>radh54 rad16-249</i>
Total spores counted	1399	1863	2270	1754
Total ade+ colonies recovered	104	41	478	256
STDEV	12.43	11.54	5.92	5.18
STError	6.21	5.77	2.96	2.59
Total plated	7000	22000	20000	20000
Relative Viability to WT	100.00	42.37	56.79	43.88
Average %ade6+	.48	.23	1.58	1.0
Fold Δ		1.9	3.5	2.2
p-value Ade+		0.028	0.016	0.068
Average % his+ ade+	13.07	64.32	18.06	18.24
Fold Δ		4.9	1.4	1.4
p-value His+Ade+		0.067	0.163	0.210