

Table S1. Rec24-GFP, Rec24-HA and Rec7-GFP fusion proteins are functional

Relevant genotype	Intragenic Recombination (Ade ⁺ per 10 ⁴ Viable Spores)	
	<i>rec24</i>	<i>rec7</i>
<i>rec</i> ⁺	265 ± 17 (100) CMC329 x CMC381	267 ± 24 (100) CMC329 x CMC381
deletion	3 ± 2 (1) CMC373 x CMC408	1 ± 0.4 (0.4) CMC376 x CMC409
GFP fusion	222 ± 12 (84) CMC368 x CMC398	222 ± 14 (83) CMC382 x CMC385
HA fusion	158 ± 12 (60) CMC377 x CMC388	

Two independent crosses of *ade6-M26* x *ade6-3049* were performed and plated for recombinant frequency at least twice. Data are the mean ± SD based on the cumulative number of spore colonies, more than 250 Ade⁺ colonies in each case except for 6 Ade⁺ in *rec24*₋ and 6 Ade⁺ in *rec7*₋. The numbers in parentheses are percentages relative to wild-type. Strains used in the crosses are indicated.