

Diploid #	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	ade+	ade-	ade+ DRUG ^R	% ade+ DRUG ^R	% allele 1 (excluding ade+ DRUG ^R)	% allele 2 (excluding ade+ DRUG ^R)	# progeny assayed (w/o ade+ DRUG ^R)	# progeny assayed	# diploids assayed	p-value
1	1404	<i>ade6-:: Sp wt13::hphMX6</i>	180	<i>ade6+</i>	173	154	52.9%	13	314	11	3.3	96.02%	3.98	327	338	7	
	1403	<i>ade6-:: Sp wt13::hphMX6</i>	174	<i>ade6+</i>	89	134	39.9%	6	217	9	3.9	97.31%	2.69	223	232	4	
					262	288	47.6%	19	531	20	3.5	96.55%	3.45	550	570	11	7.95E-09
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	HYG ^R	HYG ^S	HYG ^R GEN ^R	% HYG ^R GEN ^R	% allele 1 (excluding HYG ^R GEN ^R)	% allele 2 (excluding HYG ^R GEN ^R)	# progeny assayed (w/o HYG ^R GEN ^R)	# progeny assayed	# diploids assayed	p-value
2	1404	<i>ade6-:: Sp wt13::hphMX6</i>	1920	<i>ade6-:: Sp wt13^{trp50}::kanMX4</i>	181	152	54.4%	208	125	15	4.3	62.46%	37.54	335	348	5	0.08
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	ade+	ade-	ade+ DRUG ^R	% ade+ DRUG ^R	% allele 1 (excluding ade+ DRUG ^R)	% allele 2 (excluding ade+ DRUG ^R)	# progeny assayed (w/o ade+ DRUG ^R)	# progeny assayed	# diploids assayed	p-value
3	1920	<i>ade6-:: Sp wt13^{trp50}::kanMX4</i>	320	<i>ade6+</i>	180	128	58.4%	173	135	9	2.8	43.83%	56.17	308	317	6	
	1922	<i>ade6-:: Sp wt13^{trp50}::kanMX4</i>	320	<i>ade6+</i>	127	98	56.4%	109	116	7	3.0	51.56%	48.44	225	232	4	
					307	226	57.6%	282	251	16	2.9	47.09%	52.91	533	549	10	0.81
4	1892	<i>ade6-:: Sp wt13^{trp50}::hphMX6</i>	174	<i>ade6+</i>	124	101	55.1%	125	100	7	3.0	44.44%	55.56	225	232	3	0.81
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	GEN ^R	GEN ^S	HYG ^R GEN ^R	% HYG ^R GEN ^R	% allele 1 (excluding HYG ^R GEN ^R)	% allele 2 (excluding HYG ^R GEN ^R)	# progeny assayed (w/o HYG ^R GEN ^R)	# progeny assayed	# diploids assayed	p-value
5	1922	<i>ade6-:: Sp wt13^{trp50}::kanMX4</i>	1892	<i>ade6-:: Sp wt13^{trp50}::hphMX6</i>	143	83	63.3%	218	8	6	2.6	96.46%	3.54	226	232	4	2.37E-06
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	HYG ^R	HYG ^S	HYG ^R GEN ^R	% HYG ^R GEN ^R	% allele 1 (excluding HYG ^R GEN ^R)	% allele 2 (excluding HYG ^R GEN ^R)	# progeny assayed (w/o HYG ^R GEN ^R)	# progeny assayed	# diploids assayed	p-value
6	1404	<i>ade6-:: Sp wt13::hphMX6</i>	1498	<i>ade6-:: Sp wt18::kanMX4</i>	96	109	46.8%	204	1	18	8.1	99.51%	0.49	205	223	4	5.17E-07
7	1404	<i>ade6-:: Sp wt13::hphMX6</i>	1667	<i>ade6-:: Sp wt18-2::kanMX4</i>	142	92	60.7%	129	105	22	8.6	55.13%	44.87	234	256	4	0.4033
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	ade+	ade-	ade+ DRUG ^R	% ade+ DRUG ^R	% allele 1 (excluding ade+ DRUG ^R)	% allele 2 (excluding ade+ DRUG ^R)	# progeny assayed (w/o ade+ DRUG ^R)	# progeny assayed	# diploids assayed	p-value
8	1667	<i>ade6-:: Sp wt18-2::kanMX4</i>	320	<i>ade6+</i>	217	180	54.7%	180	217	9	2.2	54.66%	45.34	397	406	7	0.3789
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	GEN ^R	GEN ^S	HYG ^R GEN ^R	% HYG ^R GEN ^R	% allele 1 (excluding HYG ^R GEN ^R)	% allele 2 (excluding HYG ^R GEN ^R)	# progeny assayed (w/o HYG ^R GEN ^R)	# progeny assayed	# diploids assayed	p-value
9	1667	<i>ade6-:: Sp wt18-2::kanMX4</i>	1892	<i>ade6-:: Sp wt13^{trp50}::hphMX6</i>	116	97	54.5%	204	9	19	8.2	95.77%	4.23	213	232	2	2.62E-05
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	ade+	ade-	ade+ DRUG ^R	% ade+ DRUG ^R	% allele 1 (excluding ade+ DRUG ^R)	% allele 2 (excluding ade+ DRUG ^R)	# progeny assayed (w/o ade+ DRUG ^R)	# progeny assayed	# diploids assayed	p-value
10	1518	<i>ade6-::hphMX6</i>	320	<i>ade6+</i>	152	126	54.7%	143	135	11	3.8	48.56%	51.44	278	289	5	control
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	HYG ^R	HYG ^S	HYG ^R GEN ^R	% HYG ^R GEN ^R	% allele 1 (excluding HYG ^R GEN ^R)	% allele 2 (excluding HYG ^R GEN ^R)	# progeny assayed (w/o HYG ^R GEN ^R)	# progeny assayed	# diploids assayed	p-value
11	1404	<i>ade6-:: Sp wt13::hphMX6</i>	1880	<i>ade6-:: Sp wt18-2^{trp50}Δ::kanMX4</i>	192	202	48.7%	386	8	36	8.4	97.97%	2.03	394	430	6	0.80
	1404	<i>ade6-:: Sp wt13::hphMX6</i>	2247	<i>ade6-:: Sp wt18^{trp50}Δ::kanMX4</i>	108	164	39.7%	250	22	18	6.2	91.91%	8.09	272	290	5	
	1404	<i>ade6-:: Sp wt13::hphMX6</i>	2248	<i>ade6-:: Sp wt18^{trp50}Δ::kanMX4</i>	93	126	42.5%	205	14	13	5.6	93.61%	6.39	219	232	4	
12					201	290	40.9%	455	36	31	5.9	92.67%	7.33	491	522	9	0.72
13	1404	<i>ade6-:: Sp wt13::hphMX6</i>	2388	<i>ade6-:: Sp wt18-2^{trp50}Δ::kanMX4</i>	74	141	34.4%	206	9	17	7.3	95.81%	4.19	215	232	4	0.95
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	ade+	ade-	ade+ DRUG ^R	% ade+ DRUG ^R	% allele 1 (excluding ade+ DRUG ^R)	% allele 2 (excluding ade+ DRUG ^R)	# progeny assayed (w/o ade+ DRUG ^R)	# progeny assayed	# diploids assayed	p-value
21	1924	<i>ade6-:: Sp wt13^{trp50}Δ::kanMX4</i>	320	<i>ade6+</i>	233	146	61.5%	194	185	17	4.3	48.81%	51.19	379	396	8	0.9701
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	GEN ^R	GEN ^S	HYG ^R GEN ^R	% HYG ^R GEN ^R	% allele 1 (excluding HYG ^R GEN ^R)	% allele 2 (excluding HYG ^R GEN ^R)	# progeny assayed (w/o HYG ^R GEN ^R)	# progeny assayed	# diploids assayed	p-value
22	1404	<i>ade6-:: Sp wt13::hphMX6</i>	1924	<i>ade6-:: Sp wt13^{trp50}Δ::kanMX4</i>	192	126	60.4%	175	143	25	7.3	44.97%	55.03	318	343	7	0.5971
23	1924	<i>ade6-:: Sp wt13^{trp50}Δ::kanMX4</i>	1892	<i>ade6-:: Sp wt13^{trp50}::hphMX6</i>	200	167	54.5%	339	28	30	7.6	92.37%	7.63	367	397	8	4.59E-07
24	1404	<i>ade6-:: Sp wt13::hphMX6</i>	1878	<i>ade6-:: Sp wt18-2^{trp50}Δ::kanMX4</i>	176	141	55.5%	171	146	28	8.1	53.94%	46.06	317	345	6	1.74E-07
25	1404	<i>ade6-:: Sp wt13::hphMX6</i>	1894	<i>ade6-:: Sp wt18-2^{trp50}Δ::kanMX4</i>	138	82	62.7%	126	94	12	5.1	57.27%	42.73	220	232	4	3.30E-05
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	ade+	ade-	ade+ DRUG ^R	% ade+ DRUG ^R	% allele 1 (excluding ade+ DRUG ^R)	% allele 2 (excluding ade+ DRUG ^R)	# progeny assayed (w/o ade+ DRUG ^R)	# progeny assayed	# diploids assayed	p-value
26	2264	<i>ade6-:: Sp wt13^{trp50}Δ::hphMX6</i>	174	<i>ade6+</i>	119	151	44.1%	41	229	20	6.9	84.82%	15.18	270	290	5	control
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	HYG ^R	HYG ^S	HYG ^R GEN ^R	% HYG ^R GEN ^R	% allele 1 (excluding HYG ^R GEN ^R)	% allele 2 (excluding HYG ^R GEN ^R)	# progeny assayed (w/o HYG ^R GEN ^R)	# progeny assayed	# diploids assayed	p-value
27	2264	<i>ade6-:: Sp wt13^{trp50}Δ::hphMX6</i>	1667	<i>ade6-:: Sp wt18-2::kanMX4</i>	98	111	46.9%	169	40	22	9.5	80.86%	19.14	209	231	4	0.73
28	2264	<i>ade6-:: Sp wt13^{trp50}Δ::hphMX6</i>	2247	<i>ade6-:: Sp wt18^{trp50}Δ::kanMX4</i>	120	97	55.3%	171	46	15	6.5	78.80%	21.20	217	232	4	0.59
29	2264	<i>ade6-:: Sp wt13^{trp50}Δ::hphMX6</i>	1880	<i>ade6-:: Sp wt18-2^{trp50}Δ::kanMX4</i>	204	177	53.5%	249	132	25	6.2	65.35%	34.65	381	406	7	0.032
30	2264	<i>ade6-:: Sp wt13^{trp50}Δ::hphMX6</i>	1498	<i>ade6-:: Sp wt18::kanMX4</i>	250	224	52.7%	312	162	48	9.2	65.82%	34.18	474	522	9	0.028
31	2264	<i>ade6-:: Sp wt13^{trp50}Δ::hphMX6</i>	2402	<i>ade6-:: Sk wt18::kanMX4</i>	89	132	40.3%	116	105	10	4.3	52.49%	47.51	221	231	4	0.001
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	ade+	ade-	ade+ DRUG ^R	% ade+ DRUG ^R	% allele 1 (excluding ade+ DRUG ^R)	% allele 2 (excluding ade+ DRUG ^R)	# progeny assayed (w/o ade+ DRUG ^R)	# progeny assayed	# diploids assayed	p-value
33	1554	<i>ade6-:: Sp wt13-YFP::kanMX4</i>	320	<i>ade6+</i>	254	196	56.4%	129	321	13	2.8	71.33%	28.67	450	463	8	0.00243
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	lys+	lys-	lys+ DRUG ^R	% lys+ DRUG ^R	% allele 1 (excluding lys+ DRUG ^R)	% allele 2 (excluding lys+ DRUG ^R)	# progeny assayed (w/o lys+ DRUG ^R)	# progeny assayed	# diploids assayed	p-value
34	1946	<i>lys4-:: Sp wt13-YFP::kanMX4</i>	320	<i>lys4+</i>	179	124	59.1%	11	292	8	2.6	96.37%	3.63	303	311	3	-----
	allele 1 SZY#	GENOTYPE	allele 2 SZY#	GENOTYPE	ura+	ura-	% ura+ (control)	GEN ^R	GEN ^S	HYG ^R GEN ^R	% HYG ^R GEN ^R	% allele 1 (excluding HYG ^R GEN ^R)	% allele 2 (excluding HYG ^R GEN ^R)	# progeny assayed (w/o HYG ^R GEN ^R)	# progeny assayed	# diploids assayed	p-value
35	1946	<i>lys4-:: Sp wt13-YFP::kanMX4</i>	1830	<i>lys4-:: Sp mCh-wt18-2::hphMX6</i>	158	124	56.03%	211	71	5	1.7	74.82%	25.18	282	287	5	-----