

Mays, L. L. and R. W. Barratt. Note
on Yale osmotic stocks.

Because of loss of stocks, none of the mutant strains whose origin was reported in Mays 1969 Genetics 63: 781 are now available. The stocks listed as [LM] in the current stock list came from this collection, but their isolation numbers are now uncertain. ■ ■ - Department of Biology Occidental College, Los Angeles, CA 90041 and Fungal Genetics Stock Center, California State University, Humboldt Foundation, Arcata, CA 95521.

Table 1. Linkage data for os-4, flm-2, os-5 and cut.

Zygote genotype and % recombination			Parentals	Crossovers			Isolation Numbers
				1	2	1,2	
(+)	A	flm-2	42	-			(b39)
un-5)	a	+	-	2			mt
	4			(Both un-5)			Y256M223
A	+	flm-2	5	2	2	0	mt
a	acr-3	+	10	0	0	0	KH14
10	10						Y256M223
(a)	+	+	43	7	0	0	(mt)
(A)	acr-3	suc	60	2	0	0	KH14
	0	8		(Both A)			66702
							Y256M223
+	flm-2	+	62	2	0	0	B369
arg-1	+	his-2	94	0	0	0	Y256M223
	1.3	0					Y152M14
+	aur	aro-8	17	14	9	9	Y256M223
flm-2	+	+	12	10	10	9	34508
	48	41		(Data of Barbara Turner)			DH8
+	os-4						Y256M223
flm-2	+						NM201o
				(150 black spores: No germination. Other attempts infertile although os-4 is female-fertile.)			
+	(T)	nic-2	23	0			Y256M223
flm-2	(N)	+	60	4			(T(IR-V)AR190)
							43002
				(If flm-2 were covered in IR duplications, 1/3 of progeny would be flm ⁺ nic ⁺)			
+	(T)	nic-2	20	2			NM201o
os-4	(N)	+	40	0			(T(IR-V)AR190)
							43002
				(If os-4 were covered in IR duplications, 1/3 of progeny would be os ⁺ nic ⁺)			
(a)	(N)	+	-	2			(mt)
(A)	(T) cut	+	-	-			T(I;IV) cut
	1.6			(Both a Normal sequence)			Y256M223
(N)	+	os-4	-	0			T(I;IV) cut
(T) cut	+		-	-			NM201o
	0						

Zygote genotype and % recombination			Paren- tals	Crossovers			Isolation Numbers
				1	2	1,2	
<u>+</u> <u>os-5</u> <u>+</u>			30	4	2	0	
cyh-1 + al-1			33	5	1	0	NM216
12 4							ALS4
<u>+</u> <u>al-2</u> <u>arg-6</u>			79	0	2	0	NM216
os-5 + +			66	0	0	0	15300
0 1.4							29997
<u>+</u> <u>os</u>				0			NM216
os-5 +							P5341
0				(82 Total)			
<u>+</u> <u>os-5</u> <u>(+ +)</u>			16	4	0	0	KH52
cyh-1 + (al-2) hom			19	1	2	0	P5341
12 0 5							(15300)
							51504
<u>+</u> <u>aur</u>			21	3			P5341
os-5 +			26	0			34508
6							
<u>+</u> <u>cut</u> <u>+</u>			22	13	5	0	39816
cys-10 + pyr-1			26	18	3	2	LLM1
37 11							H263
<u>+</u> <u>cut</u> <u>pdx</u>			15	5	6	3	39816
cys-10 + +			15	7	3	0	LLM1
28 22							37803
<u>+</u> <u>pdx</u> <u>+</u>			32	1	4	0	LLM1
cut + cot-1			22	6	4	2	37803
13 14							C102t
<u>+</u> <u>+</u> <u>pyr-2</u>			17	6	9	1	LLM1
cut cot-1 +			19	5	12	1	C102t
19 33							38502
<u>+</u> <u>cut</u>				0			LLM1
cut +				-			T(I;IV) cut
0				(190 total)			
<u>+</u> <u>nic-2</u> <u>me-6</u>			19	13	2	3	LLM1
cut + +			19	19	2	4	43002
48 14							35809