

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 [LLM] 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 un-5) a + 4	42 -	- 2			(b39) mt Y256M223
A + flm-2 a acr-3 + 10 10	5 10	2 0	2 0	0 0	mt KH14 Y256M223
(a) + + flm-2 (A) acr-3 suc + 0 8	43 60	7 2	0 0	0 0	(mt) KH14 66702 Y256M223
+ flm-2 + arg-1 + his-2 1.3 0	62 94	2 0	0 0	0 0	B369 Y256M223 Y152M14
+ aur aro-8 flm-2 + + 48 41	17 12	14 10	9 10	9 9	Y256M223 34508 DH8
+ os-4 flm-2 +	(150 black spores: No germination. Other attempts infertile although <u>os-4</u> is female-fertile.)				Y256M223 NM201o
+ (T) nic-2 flm-2 (N) +	23 60	0 4			Y256M223 (T(IR→V)AR190) 43002
+ (T) nic-2 os-4 (N) +	20 40	2 0			NM201o (T(IR→V)AR190) 43002
(a) (N) + flm-2 (A) (T) cut + 1.6	- -	2 -	(126 total)		(mt) T(I;IV)cut Y256M223
(N) + os-4 (T) cut + 0	- -	0 -	(74 total)		T(I;IV)cut NM201o

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