

Crosses  
550

M 3561 a II L  
Pyr-4  
(36 601)

FGSC

# 791 back crossed to SL wild type  
mainly FGSC # 2489<sub>A</sub> = M.1

			Germ. + No. nucleot. hydrolyzate	Allele ratio	
Aug 76	I c) M #364 3561 a Pyr-4	x	1) A +	30/30	18 : 12
Sept 76	II (c. 22) a Pyr-4	x	1) A +	24/30	17 : 7
	III (II, 8) a Pyr-4	x	1) A +	28/29	13 : 15
Dec. 76 E.P.	IV (III, 10) a M 426 Pyr-4	x	1) A +	18/30	6 : 11
Jan 77 E.P.	V (IV, 12) a Pyr-4	x	1) A +	23/29	7 : 16
	VI (V, 20) 457 a from 6 <sup>th</sup> BC of #2490	x	529 A	23/30	10 : 13
				146/178	71 : 74

48 : 34 > 100%

23 : 40 < 100%

82.0%

95.9% viability in  
asco spores

FGSC 4030 A }  
# 4031 a }  
M 642 A }  
M 641 a } final Pyr-4  
36 601