

Back cross
 529 M 71 | A $\sqrt{\text{V}}$
 pab-2 ; ylo-1 (FGSC # 225)
 (H 193) ; (Y 30539y)

Date	Cross	Total	Kept	Allele ratios (unlinked)
July 75	BCT 71 A x 2 a (#2490) + SL	45/50	-	pab: + 21:24 ; ylo: + m: +
Dec. 75 / July	II (529.15) a x 1 A (#2489) + SL	27/31	M 229 in cross 538	7:6 ; 42:51 ; 13:13
April 76	III (II.6) a x 1 A +	43/50	115 / 131 = 88% subtotal	14:21 ; 22:22 ; difficult
May 76	IV (III.4) a x 1 A +	45/50	Germination subtotal 134 / 148 ~ 90%	16:23 ; 25:20 ; v. difficult ; none as clean as P=299 (possibly old sub.)
Aug 76	V (IV.22) a x 1 A +	46/50		18+2? : 26 ; 26:20 ; 60:68 -> 88% subtotal for pab-2 IV-VI
Oct. 76 EP.	VI (V.25) a x 1 A +	43/48	419/a in Cross 564 ylo-1	18+6? : 19 ; 29:14 ; difficult
	VII (VI.13) a x 1 A +	249/279	89.2% Germination rate	94 : 119 ; 115:99 ; > 100% ylo-1

Ascospore relative viability } 79.0% pab-2 ; (8?) > 100% ylo-1

Back cross of pab-2 VII M 418 | a pab-2 (nso) x 1 | A + (#2489)

Back cross of pab-2 VIII M 494 | (VII.5) A nso x 527 | a + (6.2)

Cross 563 IX (VIII.32) pab-2 (not so like) A x 527 | a +

442/a normal? ; 495/A so look ylo-1 ; Cross 617 VII ; FGSC # 4099 ; # 4100

4200 = ORS a BC VI of #2490 a x # 2489 A

FGSC # $\frac{4076}{4077} = \frac{821}{820} | A$ pab-2 (not nso) H193