

Backcross

562 arg-10 (B317) Lg. VII R : FGSC 275

		Ascospore Germination on GCP+arg	Allele ratio	
I	^M 113 a arg-10 (# 275) _M x SL+ A	30/50	13 : 16 ~ 80%	Aug. 77
II	(562.20) a x A + (FGSC 2489)	64/75	30 : 34 > 80%	Oct. 77
III	^{-M} 808 a (II.3) x A + "	45/49 ~ 90%	27 : 18 > 100%	Dec. 77/Jan
IV	(III.1) a x A + " (early fl / +) unlinked	39/50 ~ 80%	22 : 17 > 100%	Feb. 78
V	(IV.9) a x A + "	GCP : 18/20 GCP+arg : 16/20	5 : 11 } better if 9 : 9 } arg supplemented.	
VI	(V.) A x 527. a + (6.2) = FGSC 4200 = 6th backcross of ORS2 x SL # 2489 A	212/264 80.3% Germination rate	106 : 105 = 100%	

4091 = 1028 | A }
 FGSC # 4092 = 1027 | a } arg-10
 B 317