

Backcross

503 I ; II
M 76 | a cr-1 ; pe fl (# 338)
B123 ; y 8743 m L

Cross	Genotype	Germination No/Total spores	Allele ratios	Recombination	
				cr-A/a	pe-fl
BC I	M 76 a x + A	M 160 cr-1 (503.5)	32/84	51/20	50/122
BC II	503.29 a x + A	81/95	40/81	51/18	1/11
BC III	(II.3) a x + A	10/50	3/7		2/10
BC IV	213 a x + A	4/50	16/25		9/41
BC V	293 a x + A	80/100	38/42		8/17
BC VI	M (V.4) a x + A	39/50	15/24		0/4
BC VII	(VI.1) a x + A	41/49	23/41		3/16
BC VIII	437 a (VII.5) x M A	79/100	36/43		11/35 cr
		371/494	203/367	43/178	193/497

← 609 A
cr-1; pe fl.
Average germination rate 75.1%

503 IX: 608 | a x M 528 | A + (BC VI of # 2490)
cr-1; pe fl (6.3)

FGSC # { 4167 = M 688 | A (503.IX.6)
4168 = M 687 | a (IX.5) }
cr-1; pe fl

Allele ratio: 203:367
cr: + 55%

Recomb. mt-cr 24.6%

IX: 19/45
212/542
39.1%
Recomb. pe-fl