

Back crosses

502

Lg. I

M 121 | A

C136  
su

B123  
cr-1

FGSC # 200

cr su : +  
m : +

Allele ratios

A/a - su

cr - su

Recombination

Row	Genotype	Total	kept strains	Allele ratios	A/a - su	cr - su
Nov 76	502 BC I : A × $\frac{M}{2}   a +$ CRS a	29/90		13/14-15		4/29
Nov 76	(502b.13) II 212   A × $\frac{M}{2}   a +$ CRS a (#2490)	29/30		7/21	1/7	0/28
segregating for fl, poorly conid - & ± collect away conidial						
Nov 76	502 III M (II.7) 292   a × $\frac{M}{1}   A +$ CRS a (#2489)	46/50	360   a in 557	20/26	2/20	1/46
Jan 76	IV M (III.11) 360   a × +   A "	25/30		12/13, ? cr ++ discarded?	0/7	up to 5/2
Oct 76	EP V (.4 a) × +   A "	22/28		9/14	?	0/22
Nov 76	EP VI M (V.2) 407   a × +   A "	21/29		9/11	0/11	0/20
	502 VII (VI.8) a × +   A "	27/29		12/15	1/27	0/27
				24/23 ?	3/15	2/41
				106/137	10/115	12/237
				77%	8.7%	5.1%

Ascospore Germination rate  
av. 199/286 }  
70%

FGSC #  $\left\{ \begin{array}{l} \frac{4158}{4159} = \frac{su \ cr-1}{C136 \ B123} \end{array} \right\} \begin{array}{l} A \ 659A \\ a \ 475 | a \end{array}$