

Cross 546

No germ / Total ascospores isolated	Germination
I	23/30
II	29/30
III	26/29
IV	29/29
V	26/30
VI	23/30
VII	28/30
Total 184/208 88%	

546	Allele Ratio	Re bi to mt
I: (546.I.18) a thi-1 x + A	11:12	4/8
II: (546.II.5) a thi-1 x + A	14:15 (2?)	0/8
III: M 436/a thi-1 x + A	14:12	4/8
IV: (546.IV.4) a thi-1 x + A	10(1?):18 (0/?)	
V: (546.V.8) a thi-1 x + A	18:8	1/8
VI: (546.VI.2) a thi-1 x M 528/A	9:14	3/8
VII: (546.VII.2) a thi-1 x M 528/A	15:13	3/8

# 2489 FGSC SL  
 # 2490 x 2489 FGSC A  
 M 528/A ~100% 27% M  
 SL wild type 6th back cross

FGSC A 4010 thi-1 ( M 636/A )  
 a 4011 56 501 ( M 635/a )

of # 2490 x 2489 FGSC A A