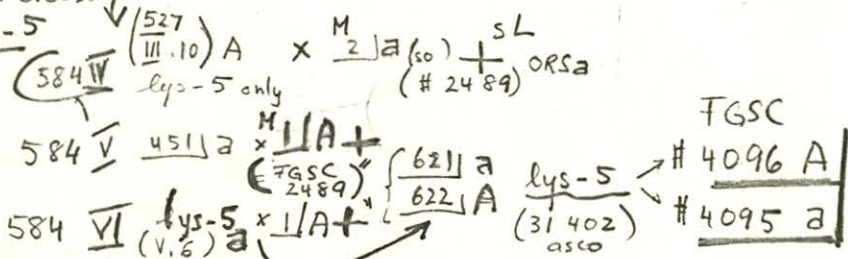


Back cross  
527 <sup>M</sup> 67/A

lys-5 = asco (31 402) ylo-1 (Y30539) tip-2 (45 302) (DP6033) from DDP

			Total	kept recombinants	Allele ratios
July 75	527 BC I	<sup>M</sup> 67/A	x <sup>M</sup> 2/a (#2490)	60/100?	lys-5: + 28:32 ylo-1: + 29:31 tip-2: + 33:27
Nov. 75	527 II	(527.43) a	x <sup>M</sup> 1/A (#2489)	79/90	only yellow tested 40:38
July	527	(II.10)		→ 227 (lys-5 ylo-1 A in cross 515)	
April 76	b III	233/a	x <sup>M</sup> 1/A (#2489)	55/82	25:28 26:27 26:27

Back crosses of lys-5



Recombination:

from 527 crosses	lys - ylo	ylo - tip-2
I	7/60	8/60
II	2/40	10/40
III	9/53	4/53

(527 (I to III)) Total: 18/153      22/153

combined: lys-5 to ylo-1 ~ 12%

~ 15%

ylo-1 to tip-2

Recombination

lys	ylo	tip	III	I	Total
+	+	+	21	25	46
-	-	-	19	20	39
-	+	+	4	3	7
+	-	-	5	4	9
-	-	+	2	5	7
+	+	-	2	3	5
+	-	+	0	0	0
-	+	-	0	0	0
			53	60	113

only ylo tested