

lys-5 - linkage group VI  
 (allele - Q56-85)

Crosses 677 I-V = Back crosses of strain of DDP  
 (likely same as FGSC 2127 lys-5)

Cross	Parents	Germination No / Total	Allele ratio m : +
677 I	M 1272 / A lys-5 × M 527 / + a (6.VI.2) <small>(6<sup>th</sup> BC of ORS a to # 2489 A)</small>	45 / 70	11 : 14
677 II	(677.I.3) a lys-5 × 11 A + SL	31 / 45	12 : 18
677 III	M 1654 / A <sub>c</sub> × M 1653 / a lys × 11 A +	54 / 70	13 : 23
677 IV	(677.III.4) A lys × 527 / a + <small>(8 poor 4 very late)</small>	71 / 100	31 : 40
677 V	M 1800 / A lys-5 × 527 / a +	54 / 100	25 : 28 (1?)
		<u>255 / 385</u>	<u>92 : 123</u>
		<u>66.2%</u>	<u>74.8%</u>
		<u>66.2%</u>	<u>75%</u>

FGSC #

4098	1870 (v.3) A
4097	1869 (v.2) a

M