

Back-Crosses

520 II - VI

arg-5 x SL wild type
(27 947) +

not needed 2 see VI
GCP+arg

BC 1977

I Origin M 911 a aur; arg-5 (# 1206) x 11 A +

Germination No/Total ascospores

Allele ratio m : +

520 II (520.4) a arg-5 x 11 A + FGSC # 2489

July 77 III (II.7) a arg-5 x 11 A + "

Oct. 77 IV (III.17) a arg-5 x 11 A + "

Dec. 77 V M 807 (IV.21) a " x 11 A + "

Feb. 78 VI (520.V.5) A arg-5 x M 527 a (6.2) FGSC # 4200

2/40 + 18/100 ~ 20% 12 : 8 >

93/100 ~ 93% 47 : 43

37/49 ~ 75% 21 : 16

GCP: 42/50 ~ 84% 26 : 16

GCP+arg: 37/50 ~ 74% 16 : 21

M 872 A (520.VI.16) } arg-5 (27 947)
M 871 (520.VI.6) a }
FGSC # 4033 }
FGSC # 4034 }

GCP tag 167/199 84% (83.9%)
110 : 96 >> 100%

GCP 42/50 = 84%