

Strains & Crosses of Origin: FGSC/4157 - 4170

Back Crosses (664)

FGSC 2526  $\frac{csp-2}{M 1676 | a}$   $\frac{UCLA 101}{a}$  x  $\frac{M 1 | A}{A}$  + (FGSC 2489)  
 664. II: (I.6) a x  $\frac{M 1 | A}{A}$  +  
 III: M 1661 | II.1 A x  $\frac{M 527 | a}{a}$  + (FGSC 4200)  
 IV: M 1618 | a csp-2 x  $\frac{M 1 | A}{A}$  + (#2489)  
 664 V: (664. IV.) a csp-2 x  $\frac{M 1 | A}{A}$  + "  
 664 VI: 1634 a csp-2 x  $\frac{M 1 | A}{A}$  +  
 #4085  
 #4086  
 csp-2

Strains of origin: +

FGSC #	genotypes
#2526 a	csp-2 (UCLA 101)
#338 a	cr-1; pe fl B123 Y8743m L
#2001 A	sn cr-1 (C136) (B123)
#2464 A	sn cr-1; al-3 int <sup>t</sup> C136 B123 RP100 83201 t

M 1634 | csp-2 Cross 1540 VI →  $\frac{sn cr-1; csp-2}{C136 B123 UCLA 101} M 1811 | A = \#4157$

M 650 | A }  $\frac{sn cr-1}{C136 B123}$   
 M 475 | a }

502 VII (VI.8) a sn cr-1 x + A (74 OR23-IVA)  
 502 VI M 407 | a x + A (#2489A)  
 502 V: (IV.4) a x + A " "  
 502 IV: M 360 | a x + A " "  
 502 III: M 292 | a x + A (sn cr-1) (#2489)  
 502 II: M 212 | A sn cr-1 x + ORS a  
 502 I: #2001 sn cr-1 A x + a (#2490)

503 I  $\frac{cr-1; pe fl}{\#338 a}$  x + A #2489  
 Back II: (503.29) a x + A " "  
 crosses III: (II.3) a x + A " "  
 503 IV: M 213 | a x + A " "  
 503 V: M 293 | a x + A " "  
 " VI: M 377 | a x + A " "  
 " VII (VI.1) a x + A " "  
 " VIII M 437 | a x + A " "  
 503 IX M 608 | a x M 528 | A (#2489)  
 cr-1; pe fl A #4167 = M 688  
 #4168 = M 688

501 FGSC #2464 A (M31) x + a  
 I sn cr-1; al-3 int<sup>t</sup> ORS a  
 501 II (I.45) A x + a u  
 sn cr-1; al-3 int  
 501 III M 211 | A x + a ORS a (#2490)  
 501 IV M 291 | A x + a "  
 501 V M 366 | A x + a "  
 501 VI M 396 | a x + A (#2489)  
 501 VII (VI.20) a x + A " "  
 sn cr-1; al-3 int<sup>t</sup>

M 360 | a  
 sn cr-1 x 552 III 503 IX M 608 | a x M 528 | A (#2489)  
 cr-1; pe fl A #4167 = M 688  
 #4168 = M 688  
 552 IV: sn cr-1; pe fl (552. III, 15) a x + A (#2489)  
 552 V: M 430 | a x + A sn cr-1; pe fl  
 552 VI: (V.5) a x + A sn cr-1; pe fl  
 552 VII: (VI.2) a x + A sn cr-1; pe fl  
 552 VIII: M 537 | a x + A sn cr-1; pe fl  
 M 690 | a x + A FGSC #4163  
 sn cr-1; pe fl  
 M 490 | a - 586 - M 677 | A  
 al-3 int<sup>t</sup> cr-1; pe fl  
 M 678 | A = FGSC #4166  
 cr-1; pe fl; al-3 int<sup>t</sup>

sn cr-1; pe fl 4162 A = M 509 | A  
 sn cr-1; pe fl; al-3 int<sup>t</sup> 4164 A ← 567 VI x  
 4165 a  
 M 490 | a - 586 - M 677 | A  
 al-3 int<sup>t</sup> cr-1; pe fl  
 M 557 | VII al-3 int<sup>t</sup> a  
 (501. VI. 17)  
 + M 1 | A x (#2489)

M 628 A = FGSC #4158 } sn cr-1; al-3 int<sup>t</sup>  
 627 a = 4159 } (C136 B123 RP100 83201 t)