

replaces 932

Record of Neurospora Culture

Fungal Genetics Stock Center, Botany Department, Dartmouth College
Hanover, New Hampshire, U.S.A.

accession number

1221

9 13

GENOTYPE ser-3 (serine-3) a
mating type

date 9/1/65

ALLELE DESIGNATION(S) 47903
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE 47903-1-1

ORIGIN OF STOCK old Beadle + Tatum mutant
(for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE R. Dubes, Ph.D. Thesis, Cal Tech 1953 **D138**

Designated ser-3 by D.V. Perkins, unpublished. (over)
(for data regarding origin, linkage, characteristics, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,
distinguishing characteristics

LINKAGE GROUP(S) IL, left of arg ^(D.V.P. and D.V. unpublished)
COMMENTS (special growth conditions, aberrations, heterocaryon compatibility, genetic background, complementation group, etc.) to St. Lawrence background. Grow on BCP, or 0.5mg/ml serine preferably at 34°. Inhibited by leucine at 3mg/ml. OVER

YOUR NAME Dorothy Newmeyer DNP DATE Aug. 12, '65

Please do not write below this line

lyophilized 9/17/65, _____, _____, _____

checked for viability 10/1/65, 11/7/64 OK, _____, _____

checked for genotype 9/13/65, 4/21/64 OK

other storage method 9/17/65, _____, _____

checked for viability 10/1/65, 4/19/62 OK, _____, _____

sent to:

name date name date

SS. J.C. Wootten (The Univ. Calif.) 4/23/66

eg. B. Mittenberg (Wisc. U.) 6/20/67

Prof. Lelay (U. Cambridge, England) 8/4/69

(ag) RWF Le Page (U. Cambridge, England) 8/7/71

(ag) F. GSC - tested 1/11/77 OK

(ag) J.F. Feldman (U. Calif., Santa Cruz) 5/25/77

Comments:

from back page "Good clean scoring. Double mutant ser-3 arg-1 is very feeble, especially at 25°C. Sub found serine was the best single supplement, but still will grow weakly without serine in combination of other growth factors."

responds well to serine

see 1213 for opposite m.t.

replaces #932 and 1122

Please do not write in this space

10/24/74
370
min 1-1-1
sw 3+3+4
leu 1-1-1
ser/leu 2-1+2
250
min 1-1-1
sw 1 2+3+
leu 1-0+1-
ser/leu 1+2-3