Record of Neurospora Culture

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

accession number 549 13

GENOTYPE arg (C122) A mating type

date 2/7/61

ALLELE DESIGNATION(S) C122
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE temp no. 1348-1

ORIGIN OF STOCK Segregant obtained 10/60 by DP. from old Caltech cross: W2292-2A x C122a
(for example - obtained from, induced in, from cross with, etc.) dated 1/15/53.

PUBLISHED REFERENCE Dubes thesis. D138, P46

(for data regarding origin, linkage, characteristics, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, distinguishing characteristics Uses ornithine.
Dubes thesis.

LINKAGE GROUP(S) ~~unmapped~~ IR; COMMENTS (special growth conditions, aberrations, heterocaryon compatibility, genetic background, complementation group, etc.)

(use additional space on back of page if necessary)

YOUR NAME D. Perkins DDP DATE 27 Jan 61.

Please do not write below this line

lyophilized 2/7/61, , , , ,

checked for viability 4/20/61 OK 6/21/84 OK, , , ,

checked for genotype 4/26/61 OK - Sl. leaky 3/10/82 OK

other storage method 2/7/61, , , ,

checked for viability 4/20/61 OK, 3/8/82 OK, , ,

sent to:

name	date	name	date
(sg) RH DeDeken (Inst Emile Gryson, Brussels)	10/16/62		
(sg) O.G. Lie (Inst. Ar. Gen. Elmbergh)	11/20/63		
(sg) DS Catcheside (Thell, Birmingham England)	3/26/64		
(sg) Mary Basl (Cornell)	3/7/68		
(sg) FGSC - tested	1/20/77 OK		

Comments: ~~Slightly leaky - responding to arginine~~

Dubes: Unlike other arg mutants studied by Srb 47. Stimulated by DL lysine in combination with ~~DL~~ L arginine. Suboptimal on DL ornithine. Optimal on DL citrulline. Optimum 0.175 mg L-arg./ml.
centromere distance = 25 (4 asci). Is near al-2 in I (cross 1398 DDP) 7/25

Not in VII. — DP. probably allelic with arg-6

liquid test ~~fair~~ good response to arg (3/22/62) 10/11/72

Please do not write in this space

10/4/72 72 hrs min 0 arg 5

9/26/72
min 0 0 0 0
arg 0 2 3 5
arg + lys - 2 4 5

3/10/82
min -
arg +
cit +
orn +