

Do NOT list - Replaced by 1309

Record of Neurospora Culture

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

accession number

GENOTYPE arg - 8ⁱ a
mating type

376
date 9/20/60

ALLELE DESIGNATION(S) 51506
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE 51506a

ORIGIN OF STOCK
(for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE Srb, Fincham + Bonner Am. J. Bot 37:533 (1950)

Fincham: Obs. on mutants of N. responding to a, o, c, p - MGB. 14.9-11 (1956)
(for data regarding origin, linkage, characteristics, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,
distinguishing characteristics responds to o, c, a, p

LINKAGE GROUP(S) TR; COMMENTS (special growth conditions,
aberrations, heterocaryon compatibility, genetic background, comple-
mentation group, etc.) close to inc in TR (o/s3 recomb)

(my cross 1384 DDP)

(use additional space on back of page if necessary)

YOUR NAME Mary Mitchell DATE 9/6/60

Please do not write below this line

lyophilized 10/27/60, _____, _____, _____, _____

checked for viability 12/13/60 OK, _____, _____, _____, _____

checked for genotype 4/20/61

other storage method 10/27/60, _____, _____, _____, _____

checked for viability 12/13/60 OK, _____, _____, _____, _____

sent to:

name	date	name	date
<u>Perkins (V)</u>	<u>10/6/60</u>	<u>A. Kasper (Yale)</u>	<u>5/23/62</u>
<u>D.B.D. Samuel (Sg)</u>	<u>3/20/61</u>	<u>A. G. H. (Flatt U)</u>	<u>10/18/63</u>
<u>L.M. Wiame (Sg)</u>	<u>12/28/60</u>	<u>J. K. (U. Texas)</u>	<u>10/18/63</u>
<u>D.L.M. Wiame Sg</u>	<u>12/28/60</u>	<u>A. DeBussche (Flatt U)</u>	<u>4/28/67</u>
<u>A. Miller (CIT)</u>	<u>7/25/61</u>	<u>P. Barry (U. N. Carolina)</u>	<u>3/12/65</u>
<u>A. H. (Flatt U)</u>	<u>4/10/62</u>	<u>Sg. J. Mora (Mexico)</u>	<u>10/21/65</u>

Comments: responds well to arg, slightly to orn, prot. (arg to act)
Responds better to ornithine & proline than arginine or intracellular
La about 3 units from list-1 in TR, probably distal (DDP cross 1453)
close to inc in TR (o/s3 recombination) [DDP cross 1384]

"Under aeration best in proline & ornithine; less in arginine. all tested
& minimal N - 24 hrs." have at rest

Please do not write in this space

X