

Record of Neurospora Culture

Fungal Genetics Stock Center, Dept. of Biological Sciences

Dartmouth College, Hanover, New Hampshire, U.S.A.

FGSC#
1863

GENOTYPE aro-5
arom-5 (symbol or description) A mating type

date 12/3/69

ALLELE DESIGNATION(S) ~~740A/34M30~~ Y306-M56
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE M56-3A

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

PUBLISHED REFERENCE Helis, H., McCas, cutt Partridge & S. J. Ahmed
Proc Natl Acad Sci 45: 58: 1453-1460 (1967)
(data regarding origin, linkage, biochemical characteristics, complementation group, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, distinguishing characteristics SL background X SL for mt. A;
ethyl methanesulfonate

LINKAGE GROUP(S) & ARM ILR; COMMENTS (special growth conditions, aberrations, heterocaryon compatibility, genetic background, complementation group, etc.) requires tryptophan, p-aminobenzoic acid, tyrosine for growth, 74A background
(use additional space on back of page if necessary)

YOUR NAME W. E. Case DATE 12/3/69

Please do not write below this line

lyophilized 1/9/70, _____, _____, _____, _____

checked for viability 2/11/70 ok, 5/14/84 ok, _____, _____, _____

checked for genotype 2/17/70 Ok ^{5/21/82 ok} no growth on minimal, liquid test

other storage method 1/9/70, _____, _____, _____

checked for viability 2/11/70 ok, 5/17/82 ok, _____, _____, _____

sent to:

name	date	name	date
(sg) H.C. Choke (U of Malaya)	9/28/70	(sg) B. Turner (Stanford U.)	7/18/72
(sg) R. Le Page (U of Cambridge, Eng)	7/11/72	(sg) Hunter (Flinders U. S. Aust)	7/22/82
(sg) J. Basten (Oak Ridge Nat Lab)	11/5/72	(sg) J.A. Jorge (U de Sao Paulo)	2/1/83
(sg) S. Atomic Energy Comm.	8/11/74	N.C. Mishra (U. South Carolina)	10/29/85
(sg) R. Metzger (U. of Wisconsin)	1/28/76		
(sg) H. Kawan (Kawasaki Makin U.)	4/20/78		

Comments: responds well to p-aminobenzoic acid, tryptophan, tyrosine + p-aminobenzoic acid (paba), 4/17/70

Induced in an ad-6 (see FGSC 4664 SL background) strain, & outcrossed to 74-OR8-1a for mating type A. Mutagen used was ethyl methanesulfonate. Note: see information taken from #1746 info sheet (of mt. - appears to be w.t.)

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