

chorismate mutase

Record of Neurospora Culture

Fungal Genetics Stock Center, Dept. of Biological Sciences

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

FGSC #

10

13

GENOTYPE pt: ylo-1 (phenylalanine-tyrosine) a
(symbol or description) mating type

date 7/11/60

ALLELE DESIGNATION(S) NS1(+); Y305394
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE 4043

ORIGIN OF STOCK original stock from Strickland - spontaneous as 2 members
(for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE _____

(data regarding origin, linkage, biochemical characteristics, complementation group, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, distinguishing characteristics Perkins supplement to Genetics

44(1959) papers; temp. sensitive - requirement at 34°C

LINKAGE GROUP(S) & ARM IR:172 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 DATE 7/60

Please do not write below this line

lyophilized 7/15/60, _____, _____, _____, _____

checked for viability 8/3/60, 1/14/62, _____, _____

checked for genotype 8/4/60 new 5-6 2/4/62

other storage method 8/5/60, 1/12/62 1/28

checked for viability 8/13/60, 6/26/69 OK, 9/2/72 OK, 1/11/82 OK

sent to:

| name | date | name | date |
|---|-------------------|------|------|
| <u>(ex) L. Wolfenbarger (Ohio State U.)</u> | <u>5/31/74</u> | | |
| <u>(ex) FGSC - test</u> | <u>1/14/77 OK</u> | | |
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Comments: responds well to tyrosine + phenylalanine. slightly to tyrosine alone, not to phenylalanine alone.

Scorable by blue fluorescence of medium under 403660A, even at 25°C. (Brown's medium). This double mutant is put in stock in absence of a pt (NS1+) single. D Perkins

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