

threonine synthetase

Record of Neurospora Culture

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

accession number

9 V  
13  
X

GENOTYPE thr-2 A  
mating type

date 2  
7/11/60

ALLELE DESIGNATION(S) 35423  
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE 127

ORIGIN OF STOCK Derived from Totum lysophyl by Dr. Beckmann to St. Lawrence  
(for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE EMERSON, S. 1950 Cold Sp. Herb Symp. 14: 40.

(PERKINS, D. 1960 minor sheet accompanying reprint of 19 Genetics paper.  
(for data regarding origin, linkage, characteristics, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,  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

LINKAGE GROUP(S) II L; COMMENTS (special growth conditions,  
aberrations, heterocaryon compatibility, genetic background, comple-  
mentation group, etc.) inhibited by methionine

(use additional space on back of page if necessary)

YOUR NAME D. Berlin DATE 7/60

Please do not write below this line

lyophilized 7/15/60, 7/27/60, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

checked for viability 8/3/60, 8/4/60, 1/14/62, \_\_\_\_\_, \_\_\_\_\_

checked for genotype 8/6/60, 8/7/60, 1/15/62, \_\_\_\_\_

other storage method 8/5/60, 7/27/60, 1/25/62, \_\_\_\_\_

checked for viability 8/13/60, 8/3/60, 1/11/62<sup>OK</sup>, \_\_\_\_\_

sent to:

name	date	name	date
<u>M. Flavin</u>	<u>12/19/60</u>	<u>Dr. Ab. Detrus (Ames SU)</u>	<u>12/2/63</u>
<u>P. Charles (Urb. Reading, Pa.)</u>	<u>7/6/62</u>	<u>A. Ahmed (Yale U)</u>	<u>3/30/64</u>
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<u>Dr. J. Johnson (Cornell U)</u>	<u>9/13/62</u>	<u>Dr. J. Chalner (U.C. Berkeley)</u>	<u>6/6/64</u>
<u>Dr. S. Bishop (Akron Coll. W.O.)</u>	<u>10/23/62</u>	<u>Dr. O. Meyer (U. of Ark)</u>	<u>10/12/64</u>
<u>Dr. Woodward (Rice U)</u>	<u>6/10/63</u>	<u>Dr. S. Bishop (Rice U)</u>	<u>3/3/65</u>

Comments: responds well to threonine, slightly leaky.

Please do not write in this space

see 40 for opposite mtb

XST

44104  
Phenotypically different from thr-3, to which it is very closely  
linked. (Dr. unpubl.) Biochemically different from thr-3.  
35423 governs Emerson's str to-1. Completely inhibited by methionine  
Responds threonine, but not to  $\alpha$ -aminobutyric or isoleucine. - (Emerson)