

Record of Neurospora Culture

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

accession number

939

GENOTYPE leu-5: leucine-5 A
mating type

date 1/19/63

ALLELE DESIGNATION(S) ~~#58~~ 45208
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE ~~temp 1583-47A~~ 5114

ORIGIN OF STOCK seg from D. Gross x FGSC # 340
(for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE Houlston et al. 1949 H127

Perkins Glasser & Bloom Genet J Gen et Cytol. 1962 P 46
(for data regarding origin, linkage, characteristics, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, distinguishing characteristics

altered leucyl t-RNA synthetase (Comp ref 839)

LINKAGE GROUP(S) VR; 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 15 Nov 62

Please do not write below this line

lyophilized 1/17/63, _____, _____, _____

checked for viability OK
1/30/63, _____, _____, _____

checked for genotype 6/26/64, 12/1/81*, 4/2/82, new 56 OK 5/31/83

other storage method 1/17/63, 5/11/81, 5/18/83, _____

checked for viability 1/30/63, 11/10/81 OK, 4/5/82 OK, 5/30/83 OK

sent to:

name	date	name	date
<u>D. Gross (U. of G.)</u>	<u>3/15/65</u>	<u>W. H. Lewis (U. of U.)</u>	<u>5/31/67</u>
<u>A. K. Lewis (U. of U.)</u>	<u>3/18/65</u>	<u>Gen. E. D. Rhoads (Johns Hopkins)</u>	<u>1/31/68</u>
<u>S. A. Ahmad (U. of Dacca)</u>	<u>5/21/65</u>	<u>(seg) M. Zink (U. of Michigan)</u>	<u>5/16/68</u>
<u>W. H. Lewis (U. of U.)</u>	<u>3/11/66</u>	<u>(seg) C. L. Parker (U. of Tenn)</u>	<u>7/2/69</u>
<u>S. A. M. Leary (Gracian College)</u>	<u>7/19/66</u>	<u>(seg) F. M. Alberghina (Bell Univ. Italy)</u>	<u>10/2/69</u>
<u>seg " " " "</u>	<u>10/17/66</u>	<u>(seg) J. B. Courtwright (U. of Tex at Austin)</u>	<u>7/28/70</u>

Comments: leaky leaky leaky leaky

Don Gross says to drop the original 45208 nomenclature, because the requirement isn't temp. sens. He agrees with calling the locus leu-5.

→ 6/26/64 leaky; responds to leucine

*leaky

see 340 for opposite m.t.

circled note

→ This should be reversed, I think, in light of later studies. I suggest following the 1982 Compendium and using 45208(t) for the anafatroph. The Manchester wild-type variant allele is not temp-sensitive. It is not adequately described in the Compendium, but the reference for it is Beaudhann Horn Gross 1977 PNAS (Compend Ref 69).

