

Record of Neurospora Culture

Fungal Genetics Stock Center, Dept. of Biological Sciences

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

FGSC #

1229

9/13

GENOTYPE wr-1

(symbol or description)

A

mating type

date 3/21/66

ALLELE DESIGNATION(S)

(isolation no.)

wr-9 9

YOUR STOCK NUMBER FOR THIS CULTURE

538-1-1

ORIGIN OF STOCK

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

398-28A wr-9 strain 538-1-1 is the 2nd re-isolate of wr-9 in wild type morphology through crosses to 74-08-1a

PUBLISHED REFERENCE

H.G. Kolmark 1965: NNL 8 pp 6-7

sp-9 wr-9 12 bis approximal location on LG VR

**XK70**

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

Kolmark - Mutation Research 8: 51-63 (1969)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,

distinguishing characteristics. No urease activity, does not grow on minimal medium with urea as sole source of nitrogen

*me copy 4/1/66*

LINKAGE GROUP(S) & ARM VR; COMMENTS (special growth conditions, aberrations, heterocaryon compatibility, genetic background, complementation group, etc.) Grows on minimal medium.

(use additional space on back of page if necessary)

YOUR NAME

H.G. Kolmark **HGK**

DATE

23.2.1966

Please do not write below this line

lyophilized

4/5/66

**7/7/71**

checked for viability

4/26/66 OK

**7/27/71 OK**

9/11/84 OK

checked for genotype

4/29/66 OK 5/7/82 OK

other storage method

5g 4/5/66

checked for viability

4/26/66 OK

4/19/82 OK

sent to:

name

date

name

date

eg B.V. Smith (U. No. Caro)

1/16/67

Dr. M. Shull (Utah State Univ)

4/18/69

eg B. Howe (Georgia)

6/15/67

(eg) M.L. Pall (Read Coll)

3/10/69

(eg) M. Morgan (Cal Inst Tech)

10/4/67

(eg) A.S. Jabbagy (U of Chile)

4/1/69

L.K. Lane

2/11/67

(eg) A. Metzberg (U of Wisc.)

6/1/70

(eg) R.H. Davis (U of Mich.)

4/7/68

(eg) W. Seal (U of Illinois at Chicago Coll)

9/18/70

(eg) J. Mora (Crescent Coll, Mass)

4/15/68

(eg) M.S. Dricpland (U of Utah)

12/4/70

Comments:

**Grows on minimal; see 1230 for opposite mt.**

urease character test: "dissolve 20% urea in 0.01M phosphate buffer. add bromthymol blue as indicator. adjust to HCl or NaOH soln. soln color is yellow, but at point to change greenish (pH 6.0). Soak small squares of filter paper in the substrate soln. then with forceps place in contact with ammonia or mycelium. (the best contact is obtained when the cell material is enclosed between the glass of paper). Pos. urease reaction: 10 min, the paper starts to turn blue is blue in 30 min at room temp. - Urease strain leaves the paper yellow. Kolmark copy 2/4/66

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**see 1230 for opposite mt.**