

Record of Neurospora Culture

NOTE - see Perkins letter 4/27/79

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

accession number 875

13

GENOTYPE acr-1 (symbol or description) a mating type

date 6/1/62

ALLELE DESIGNATION(S) KH 1(a) (isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE 101 spontaneous--

ORIGIN OF STOCK serial subculture on acriflavine-min. medium (for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE Hsu, K.S. Drug-resistant mutants. Neurospora News Letter 1:5 (1962); Hsu, K.S. Genetic basis of drug-resistant mutants in Neurospora. Rec. Genet. Soc. Am. (for data regarding origin, linkage, characteristics, etc.) 1962.

H139

H140

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, distinguishing characteristics

LINKAGE GROUP(S) & ARM 1 I; COMMENTS (special growth conditions, aberrations, heterocaryon compatibility, genetic background, complementation group, etc.) St. Lawrence background; resistant to 2 µg/ml of acriflavine. spontaneous.

YOUR NAME K.S. Hsu/WHO KSH DATE 5/23/62

Please do not write below this line

lyophilized 6/5/62

checked for viability 6/7/62, 11/21/83 OK

checked for genotype 1/10/63 OK 5/5/65

other storage method 6/5/62

checked for viability 6/8/62, 4/5/82 OK

sent to:

name date name date

Bruce (U.N.C.) 6/25/64 (eg) A.M.A. Ali (National Res. Center Egypt) 1/12/77

R.K. Littlewood (Cornell) 11/18/65 (eg) H. Dange (McMaster U., Can.) 9/18/80

(eg) A.W. Grigg (Univ. of Aust.) 5/10/60 (eg) F. Nassif (Minia U. Egypt) 12/16/82

(eg) J.A. Kelsey (U of Kansas Med Center) 10/28/68 (eg) I. Barthelme (U. Hannover) 3/5/84

(eg) J. Chalmers (U of Wash.) 7/2/70

(eg) FGSC - tested 1/21/77 OK

Comments:

Grows on minimal - see comments above
Resistant to acriflavine at autogram site.

Unable to distinguish from W.T. from substrate see 876 for experiment.

Not resistant to 25 µg/ml after 5 days.

After 9-10 days, good growth on 10 µg/ml while W.T. (2062) has only a thin film of growth.

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app. m.t. 876