

Record of Neurospora Culture

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

accession  
number

422

GENOTYPE ~~em (pdx-1 pigment); pdx-1~~ Em (pdx-1); pdx-1 A  
(enhancer of yellow pigment by 44802a) mating type

date 10/18/60

ALLELE DESIGNATION(S) K30; 44602a  
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE 1293

ORIGIN OF STOCK Catcheside via H.B. Howe via D. Newmeyer  
(for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE none

(for data regarding origin, linkage, characteristics, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,  
distinguishing characteristics P.G. MARTIN Thesis (Genetics Dept.,  
Adelaide, Australia).

LINKAGE GROUP(S) I<sup>L</sup>; IV<sup>R</sup>; COMMENTS (special growth conditions,  
aberrations, heterocaryon compatibility, genetic background, comple-  
mentation group, etc.) 4.2 units from centromere, 2.1 from sep.

(use additional space on back of page if necessary)

YOUR NAME D. Perkins DDP DATE 14 Nov 60

Please do not write below this line

lyophilized 11/28/60, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

checked for viability 12/29/60, 4/5/82 OK, \_\_\_\_\_, \_\_\_\_\_

checked for genotype 4/20/61, 2/24/82 OK

other storage method 11/28/60 5g., \_\_\_\_\_, \_\_\_\_\_

checked for viability 12/29/60, 2/24/82 OK, \_\_\_\_\_, \_\_\_\_\_

sent to:

name date name date

(ag) FGSC - sealed 1/20/77 OK

Comments: mutant found by Martin, a Catcheside student in Australia.

Inspection under U.V. makes scoring easier. Color effect perhaps best  
on minimal ammonium <sup>sulfate</sup> medium (3-5 grams/l), particularly Strauss's formula.\*

pdx singles produce some pigment on their own, especially on low pdx.

— excerpts from H.B. Howe letter to D. Newmeyer 4/57, based on  
info he obtained from Catcheside.

good response to pdx. (see) see also # 649  
\* Strauss, Arch Biochem 30:292 (1951)

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9/26/82  
min 0.00  
pdx 2.45-

(over)