

list under
Part II - H₂

Record of Neurospora Culture

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

NCRASSA
FGSC #
3842

Heterokaryon:

GENOTYPE (cwl A) + (In (IL+IR) H4250, org-1 A) A
mating type

date 1/20/81

ALLELE DESIGNATION(S) R 2441 + ~~H4250~~ H4250
(isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE 2223

ORIGIN OF STOCK cwl A component is f, of P95C 3477 x OR. Dpenn
(for example - obtained from, induced in, from cross with, etc.)

PUBLISHED REFERENCE Garyjobit + Tetum 1967 Genetics 57:579-604,
(Table 9.)
(for data regarding origin, linkage, characteristics, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,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

LINKAGE GROUP(S) II + IL, R, IL; COMMENTS (special growth conditions,
aberrations, heterocaryon compatibility, genetic background, comple-
mentation group, etc.) cwl grows poorly as single mutant, spewing
cell contents, and tends to accumulate modifiers (see Ann Hamill letter

(use additional space on back of page if necessary)
with 3477 deposit). Inoculum best kept sheltered in heterokaryon.
YOUR NAME David D. Perkins DDP DATE 15 JAN 1981

Please do not write below this line

lyophilized 2/20/81, _____, _____, _____, _____

checked for viability 6/25/82 OK, _____, _____, _____, _____

checked for genotype _____

other storage method 2/20/81, _____, _____, _____, _____

checked for viability 6/2/82 OK, _____, _____, _____, _____

sent to:

name	date	name	date
<u>(69) E. L. Schmitt (U. München)</u>	<u>6/6/85</u>		
_____	_____	_____	_____
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Comments: Best maintained on Westergaard's SC minimal.
Heterokaryon is a prototroph with wild-type morphology. Tends to
dissociate on medium M or complete, so that cwl component
predominates, recognizable by spewing cell contents into medium,
slow growth, etc. If cwl starts to take over the culture on minimal,
wild-type phenotype can be restored by adding the A component at time of transfer.

Inversion component is P-95C #1160. Presence of the inversion is irrelevant --
this component is just a convenient "helper" to make the heterokaryon

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