

Record of Neurospora Culture
 Fungal Genetics Stock Center, Humboldt State College
 Arcata, California 95521, U.S.A.

FGSC #
2203

GENOTYPE pyr-4, uc-1;uc-2 (pyrimidine-4, uracil-1, uracil-2) A
 (symbol or description) mating type

date 4/6/72

ALLELE DESIGNATION(S) 36601, RW57; RW135
 (isolation no.)

YOUR STOCK NUMBER FOR THIS CULTURE _____

ORIGIN OF STOCK uc-1 was UV induced in pyr-4 (36601) pyr-4,uc-1 double was
 (for example - obtained from, induced in, from cross with, etc.) (OVER)

PUBLISHED REFERENCE _____

XW64
 (data regarding origin, linkage, biochemical characteristics,
 complementation group, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,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

LINKAGE GROUP(S) & ARM III, II; I; COMMENTS (special growth conditions,
 aberrations, heterocaryon compatibility, genetic background, comple-
 mentation group, etc.) _____

(use additional space on back of page if necessary)

YOUR NAME L.G. Williams DATE _____

Please do not write below this line

lyophilized 4/12/72, _____, _____, _____, _____

checked for viability 4/9/72 OK, 10/15/84 OK, _____, _____

checked for genotype 7/25/83 OK

other storage method 4/12/72, _____, _____, _____

checked for viability 4/19/72 OK, 7/25/83 OK, _____, _____

sent to:

name	date	name	date
(29) R.E. Subden (U of Guelph, Can)	7/25/75		
ARadford (U of Leeds, Eng)	9/12/77		
(29) F.H. DC - tested	2/3/78		
(29) A. Schweder (Wash. State U)	12/30/77		
_____	_____	_____	_____
_____	_____	_____	_____

Comments: The thymidine *salvage* pathway that converts thymidine to uracil normally must be induced. The uc-1 mutation of regulating nature negates this requirement.

The triple mutant will utilize any pyrimidine except thymidine, deoxyuridine and deoxycytidine on Westergaard Mitchell medium.

responds to cytidine, uridine or uracil 8/10/72

Please do not write in this space