

Record of Neurospora Culture

NCRASSA  
FGSC #  
2142

Fungal Genetics Stock Center, Dept. of Biological Sciences

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

GENOTYPE scon<sup>c</sup> (constitutive; control of sulfur metabolism has been lost) mating type a

date 2/16/72

ALLELE DESIGNATION(S) ~~XXXXX~~ scon<sup>c</sup>-a scon<sup>c</sup> c (constitutive)

YOUR STOCK NUMBER FOR THIS CULTURE scon<sup>c</sup>-R136a

ORIGIN OF STOCK induced by UV in Oak Ridge Background;  
(for example - obtained from, induced in, from cross with, etc.)  
outcrossed with Oak Ridge A wild type.

PUBLISHED REFERENCE Burton, E.G. and Metzberg, R. L.

J. Bact. 109: 140-151 (1972). Novel mutation causing derepression---  
(data regarding origin, linkage, biochemical characteristics, complementation group, etc.) Low fertility in crosses; mutant allele recovered with low frequency.

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, distinguishing characteristics Hard to map because of infertility.

Good evidence, however, that it is far out on VR, near hist-6.

LINKAGE GROUP(S) & ARM VR; COMMENTS (special growth conditions, aberrations, heterocaryon compatibility, genetic background, complementation group, etc.) Prototroph. Not repressible by sulfate, methionine, or cysteine. Compat. with Oak Ridge strains.

YOUR NAME Robert L. Metzberg RLM DATE Feb. 14, 1972

Please do not write below this line

lyophilized 7/23/72, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
checked for viability 3/7/72 OK, 10/12/84 OK, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
checked for genotype OK.  
other storage method 2/23/72, 10/17/84, \_\_\_\_\_, \_\_\_\_\_  
checked for viability 3/2/72 OK, new 3/9 OK, 10/31/84, \_\_\_\_\_, \_\_\_\_\_

sent to:

- | name  | date     | name                                  | date     |
|---|----------|---------------------------------------|----------|
| (ag) D.A. Marshall (Ohio State U.)                | 9/4/72   | (ag) P. Pendyala (U. of Western Ont.) | 12/19/77 |
| (ag) AC Roe (Imperial Coll, London)               | 2/13/73  | (ag) B.J. Sanger (McMaster U.)        | 1/31/78  |
| (ag) Battelle Northwest (PO#44R-757-81232)        | 12/10/73 | (ag) J.C. Schmit (Southern Ill. U.)   | 4/24/78  |
| (ag) J.C. Schmit (Southern Ill. U. at Carbondale) | 4/5/77   | (ag) L.D. Erich (Battelle)            | 3/7/79   |
| (ag) S. Gidoui (Fl. St. U.)                       | 10/24/77 | (ag) W.R. Reinert (U of Virginia)     | 3/7/80   |
| (ag) Mord & Co, Inc (P.O.#4R-65827-F)             | 2/16/72  | (ag) K. Leuch (U. Zurich)             | 11/5/80  |

Comments: responds slowly to methionine or Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, responding well to cysteine or cystine

scon = sulfur continence  
 test on cys Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  
 0, 0+ / 1, 1+, 2+ / cys / 1, 3+, 4 / cysteine / Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> / 1, 2+, 2+

Please do not write in this space