

Fungal Genetics Stock Center  
Dept. of Microbiology  
Univ. of Kansas Medical Center

Kansas City, KS 66103

PLEASE PROVIDE COMPLETE INFORMATION

Reprints or other data relating to this deposit will aid the Stock Center and recipients of the strain.

Accession  
number

SPECIES Neurospora crassa MATING TYPE a 7946

GENOTYPE pfa-5 + a<sup>m</sup> ad-3R cyh-1

DESIGNATION OF MUTANT ALLELE(S) pfa-5 (polyunsaturated fatty acids)

LINKAGE GROUP(S) I/II

STRAIN DESIGNATION IF WILD-TYPE \_\_\_\_\_

YOUR STOCK NUMBER FOR THIS CULTURE EM2bc1  
include stock no. from other collections

ORIGIN OF STOCK 74-0823-1A, gamma-irradiated, followed by  
backcross to 74-085-1a

For example - obtained from, genetic background, from cross with; or if collected from nature, collection point, substrate and collector.

PUBLISHED REFERENCES none

(for any information regarding this stock)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics as above - strain requires

supplementation with polyunsaturated fatty acids (1mM) - mild

impairment in desaturation to polyunsaturates - probable defect in incorporation of fatty acids into complex lipid(s). Tendency to revert to wild type.  
COMMENTS (special growth requirements, aberrations, heterokaryon compatibility, special uses of strain, etc.)

May be difficult to cross - try supplementing with 5mM linolenic acid and Tween 80 (1%). Use above heterokaryon. Ascospores germinate

very slowly and appear to be cold sensitive (loss of viability).  
(use back of page if necessary)

YOUR NAME Marta Tanrikulu DATE 4-27-95