

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 7943

GENOTYPE pfa-2 + a^{m1} ad-3B cyh-1

DESIGNATION OF MUTANT ALLELE(S) pfa-2 (polyunsaturated fatty acids)

LINKAGE GROUP(S) IV/V

STRAIN DESIGNATION IF WILD-TYPE _____

YOUR STOCK NUMBER FOR THIS CULTURE DZ 6 bc 1
include stock no. from other collections

ORIGIN OF STOCK 74-0223-1A, gamma-irradiated, followed by backcross
to 74-028-1a

or 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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics as above - strain requires supplementation with unsaturated and polyunsaturated fatty acids - (1 mM) impaired in desaturation of fatty acids - tendency to revert to wild type

COMMENTS (special growth requirements, aberrations, heterokaryon compatibility, special uses of strain, etc.)

Difficult to cross - try supplementing with 5 mM linolenic acid (fresh, after autoclaving) and 1% Tween 80, as heterokaryon (above). Ascospores germinate very slowly (weeks). Probably cold sensitive.
(use back of page if necessary)

YOUR NAME Marta Tarrikulu DATE 4-27-95