

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 7944

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

DESIGNATION OF MUTANT ALLELE(S) pfa-3 (polyunsaturated fatty acids)

LINKAGE GROUP(S) IV/V

STRAIN DESIGNATION IF WILD-TYPE _____

YOUR STOCK NUMBER FOR THIS CULTURE H3bc1
include stock no. from other collections

ORIGIN OF STOCK 74-0223-1A, mutagenized with nitroguanine,
followed by backcross to 74-028-1a.

(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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics as above - strain requires supplementation with (unsaturated and) polyunsaturated fatty acids (1mM)

Impaired in desaturation to polyunsaturates, probably an acylation defect causes this. Reverts spontaneously to wild type.
COMMENTS (special growth requirements, aberrations, heterokaryon compatibility, special uses of strain, etc.)

may be difficult to cross, may be cold sensitive. use above heterokaryon in crosses, and try supplementing with 1% Tween 80 and 5mM inosinic acid. Ascospores germinate very slowly (weeks).
(use back of page if necessary)

YOUR NAME Marta Tanrikulu DATE 4-27-95