

Fungal Genetics Stock Center
Dept. of Microbiology
Univ. of Kansas Medical Center
Kansas City, KS 66103-7420

PLEASE PROVIDE COMPLETE INFORMATION

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

Accession
number

SPECIESAspergillus niger.....**A954**

GENOTYPE..... cspA1; acrA1^{*} brnA2; **choA101**; nicA1.....

DESIGNATION OF

MUTANT ALLELES.....1.....1.....2.....101.....1.....

LINKAGE GROUP(S) .. (III)... (I)... (I)..... (III).... (V).....

STRAIN DESIGNATION IF WILD-TYPE

YOUR STOCK NUMBER FOR THIS CULTURE..... **EK053**
include stock no. from other collections

ORIGIN OF STOCK.....UV of (N724 = FGSC# A909).....

.....
* *A. niger*... *acrA1* need high acriflavine conc. to distinguish from *acr1*⁺; use 2m/100ml media ^{of stock 40mg/ml}
for example - obtained from, genetic background, from diploid with; or if collected from nature, collection point, substrate and collector.

PUBLISHED REFERENCES..... None for **choA101**, a mutation in the new gene of Lg. III, **choA**.....

Basic ref. for strain of origin (N724 = FGSC#A909): Bos et al. (1993) Appl. Microbiol. Biotechnol. 38:742-745

..... (for mapping by mitotic crossing over, see.. Debets et al. (1993) Curr. Genet. 23: 47-53).....
(for any information regarding this stock)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,
genetic background, important characteristics.. Strain of origin of all strains: FGSC# A733.

choA101 is slightly leaky, usually no problem; **choA** is clearly linked to *lysA* (10-20% recombinants), but more closely linked (1-3 % recomb.) to our arg-103 which complements *argL* (may be an allele of *argD*; Debets 1993)

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

Supplement in MM (& Vit. sol. of CM): Cho-HCl stock: 0.2 g (or 2g)/ 100 ml; use 1ml (or 0.1) / 100 ml MM.

Useful marker on Lg. III for genetic mapping; see mapping strains with **choA101** on III (FGSC# A978,

90 - 982 and 985); these grow much better than earlier mapping strains (FGSC# 924 926, 936 & 942).
(use back of page if necessary)

YOUR NAME ... Etta Kafer..... DATE... March 20, 1998..