

Fungal Genetics Stock Center
Dept. of Microbiology
Univ. of Kansas Medical Center
Kansas City, KS 66103-7240

PLEASE PROVIDE COMPLETE INFORMATION

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

Accession
number

SPECIES..... *Aspergillus niger*..... **A976**

GENOTYPE..... *cspA1; fwnA1; fpaD19; choA101; pdxA2; sftC101; crnB12*.....

DESIGNATION OF
MUTANT ALLELES..... 1.....1..... 1..... 1.....1..... 101..... 1.....

LINKAGE GROUP(S).... (III).. (I)....(II)... (III).... (VI).... (VII)... (VIII).....

STRAIN DESIGNATION IF WILD-TYPE

YOUR STOCK NUMBER FOR THIS CULTURE..... **EK221**

include stock no. from other collections

ORIGIN OF STOCK... from 2n (**052**) . (see FGSC# A975).....

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

PUBLISHED REFERENCES. None; special feature: **sftC101** is sulphite requiring, and resistant to selenate; see Buxton et al. (1989, Gene 84: 329-334) for similar *A. niger* mutants and the *A. nidulans sC* gene clones used. Media and methods as in Arst (1968) Nature 219: 268, & Gravel et al. (1970) Can. J.Genet.Cytol 12:831-840. (for any information regarding this stock)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics...Strain of origin for all strains: FGSC# A733. sft-101 was "complemented" by transformation with the *A.nidulans sC* gene (-> **sftC101**); it mapped in Lg. VII. *A. niger sft* mutants, selected on high conc. of selenate (0.1 mM in -NO3 free MM urea) likely are either 2 types; in *A.nidulans sB* -> sulfate permease or *sC* -> ATPsulfurulase (Borges-W+Turner et al. 1995, MGG 247:423-29)

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

Sulphite requiring mutants of *A. niger* do not show thin mycelial growth on MM plates which in *A. nidulans* causes background growth in transformations unless reduced by agarose replacing agar inMM.

(use back of page if necessary)

YOUR NAMEEtta Kafer..... DATE...March 20, 1998..