

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

SPECIES.....Aspergillus niger.....**A958**

GENOTYPE..... .. cspA1; fwnA1; leuA1; pdxA2; **sftC102** (se^r)*

DESIGNATION OF

MUTANT ALLELES..... 1.....1.....1.....2..... 102.....

LINKAGE GROUP(S) (III)... (I)....(IV)...(VI)...(VII)

STRAIN DESIGNATION IF WILD-TYPE

YOUR STOCK NUMBER FOR THIS CULTURE..... **EK211**

include stock no. from other collections.

ORIGIN OF STOCK: X-ray of **EK146**: cspA1; fwnA1; leuA1; pdxA2 *(se^r=selenate resistant, sulphite requiring)

EK146 = haploids segregant from 2n (**016**) = **EK028** / N694 = FGSC# A900

EK028: cspA1; (I) fwnA1; (III) lysA7; (IV) leuA1; (VI) pdxA2 from 2n (**001**): N690=A806 / N409=A798.
for example - obtained from, genetic background, from diploid with; or if collected from nature, collection point, substrate and collector.

PUBLISHED REFERENCES.

Method and cloned sC gene, but not strains or mutagen, as described by Buxton et al., 1989, Gene 84: 329-334.

Mutagenesis and selection described for A. nidulans by Chae and Kafer, 1997, Mol. Gen. Genet. 254: 643-653
(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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,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.

A. niger and A. nidulans mutants were selected, using identical conditions (high selenate conc.: 0.35-2.0 mM);

sft-102 was "complemented" by transformation with the A.nidulans sC gene (-> **sftC**) and mapped in Lg. VII.

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

Sulphite requiring mutants of A. niger do not show any of the thin mycelial growth on MM which in

A. nidulans permits allelism tests on MM agar plates; in diploids, sft-102 did not complement sftC101 (A975

EK219) but complemented some other sft mutations (see FGSC# A959 = EK217).

(use back of page if necessary)

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