

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.....A963..

GENOTYPE..... cspA1; fwnA1; choA101; pdxA2; oliC2 sftC101; crnB12.....

DESIGNATION OF

MUTANT ALLELES.....1..... 1.....1..... 2... 2.... 101..... 12.....

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

STRAIN DESIGNATION IF WILD-TYPE-----.....

YOUR STOCK NUMBER FOR THIS CULTURE..... **EK218**

include stock no. from other collections

ORIGIN OF STOCK: haploid from 2n (052): EK210 = FGSC# A974 /EK175 from 2n (031) [see FGSC# A961]

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

PUBLISHED REFERENCES..None for above strain; specific feature: oliC2 and sftC101 in coupling.

Review ref. for strains, mutants and mapping strains: Bos et al.(1993) Appl. Microbiol. Biotechnol. 38:742-745

Basic reference for mapping by mitotic crossing over: 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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics.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..

Mutants mapped by haploidization of heterozygous 2n rarely show mitotic crossing over in A. nidulans, but in A. niger recombination is more frequent, and crossovers are regularly found for genes which are not very close.

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

As shown by Debets et al.1993 (see above, & 1990, Mol. Gen. Genet. 221: 453-458) haploid crossover types

which are often found for mutations in opposite chromosome arms, are useful in asexual species (A. niger). This

strain has a new combination of linked markers, valuable for further mapping of genes by mitotic crossing over.
(use back of page if necessary)

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