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.....**A981**...

GENOTYPE..... cspA1; (acrA1)* brnA2; fpaD19; choA101; thiB101; metB11; pdxA2; oliC2; cmB12.....

DESIGNATION OF MUTANT ALLELES...1.....1.....2.....19.....101.....101.....11.....2.....2.....12.....

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

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

YOUR STOCK NUMBER FOR THIS CULTURE..... EK**201** .....
include stock no. from other collections

* acrA1 is closely linked to brnA2, and crossovers were encountered very rarely; (acrA1) means not retested

ORIGIN OF STOCK. .. EK**201** is a haploid from 2n (**036**): EK**171**./. EK**163** (UV of EK**132**) .....

..... for EK**171** see FGSC# A961.....

.....EK**163** = FGSC# A956.....

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

PUBLISHED REFERENCES..None for specific strain.....

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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics.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

New mutants are mapped by haploidization of well-marked heterozygous 2n and crossovers for mutations located on the same chromosome are rare; however, in A. niger, they are more frequent than in A.nidulans.

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

As described by Debets et al.1993 (see above, & 1990, Mol. Gen. Genet. 221: 453-458) haploid crossover segregants are often found in A. niger, especially for mutations that map on opposite chromosome arm. This strain is a useful mapping strain which grows well on standard CM (addition of MET may improve conidiation).

(use back of page if necessary)

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