

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*..... **A970**..

GENOTYPE..... *cspA1; fwnA1; pyrG5 choA101; pdxA2; nicB5*

DESIGNATION OF

MUTANT ALLELES..... 1..... 1..... 5..... 101..... 2..... 5.....

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

STRAIN DESIGNATION IF WILD-TYPE---

YOUR STOCK NUMBER FOR THIS CULTURE..... **EK187**

include stock no. from other collections

ORIGIN OF STOCK..... from 2n (**042**): (see FGSC# A960).....

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

PUBLISHED REFERENCES. None; special feature: two mutations for double transformation, **pyrG5** & **nicB5**; **pyrG**: v. Hartingsveldt et al. (1987; A. niger-A.nid pyrG transformation) Mol. Gen. Genet. 206:71-75] and **nicB5**, being cloned (Verdoes et al. 1995; Curr.Genet. 30: 305; & Storms et al., pers. communication).

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,

genetic background, important characteristics Strain of origin for all strains: FGSC# A733

For close to optimal growth and good recovery of **pyrG**, supplements of 10 mM Uracil + 5mM uridine is used

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

Easy selection of **pyrG** mutants by resistance to 5FOA in recipient strains has led to the development of many **pyrG**-based transformation systems; for stepwise transformation these are combined with other selectable markers, the aim being a wild type end product with normal growth rate and high metabolic rate.
(use back of page if necessary)

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