

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..... **A969**.

GENOTYPE..... cspA1; fwnA1; pyrG5; metB10.....

DESIGNATION OF  
MUTANT ALLELES.....1..... 1..... 5..... 10.....

LINKAGE GROUP(S).... (III)... (I)... (III)... (V).....

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

YOUR STOCK NUMBER FOR THIS CULTURE..... **EK182** .....  
include stock no. from other collections

ORIGIN OF STOCK..... from 2n (**041**): **EK034** / **EK 037**.....

... **EK034** = N814 = FGSC# A920.....

.. **EK 037** = N639 = FGSC# A897.....

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

PUBLISHED REFERENCES. None; special feature, **pyrG5** mutation, used for transformation by cloned **pyrG** genes;

v. Hartingsveldt et al. (1987; pyrG-based transformation, A. niger-A.nidulans) Mol. Gen. Genet. 206: 71-75

Diez et al. (1987; transformation of pyrG<sup>-</sup> Penicillium with Neurospora pyr-4) Curr Genet. 12: 277-282

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,  
genetic background, important characteristics .....

Strain of origin for all strains: FGSC# A733 = N402 of Bos et al. (1993) Appl. Microb. Biotech. 38: 742-745

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 and, between fungi, good heterologous

complementation has led to development of many **pyrG**-based transformation systems, not only in A. niger (by

Goosen et al. (1987, Curr. Genet, 11: 499) but also in A. oryzae, in Penicillium, Neurospora etc..

(use back of page if necessary)

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