

Fungal Genetics Stock Center  
Dept. of Microbiology  
Univ. of Kansas Medical Center  
Kansas City, 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..... **A972.**

GENOTYPE..... cspA1; acrA1 brnA2; pyrG5; niaD2.....

DESIGNATION OF

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

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

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

YOUR STOCK NUMBER FOR THIS CULTURE..... **EK191**.....  
include stock no. from other collections

ORIGIN OF STOCK.....  
..... from 2n (**043**): **EK034** (see A969) / **EK135** [from 2n (**008**) see A964].....

.....  
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** and **niaD2** mutation, useful for two consecutive steps of transformation, using cloned **pyrG** and **niaD** genes as selective markers in vectors which are engineered to introduce other genes of interest and sequences for their control of expression

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics.....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

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

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

For selection of chlorate resistant strains, use 150 mM K-chlorate and 10mM urea in complete medium .....

For...acrA1, use...0.8 mg./ml. final... (2ml./100  $\mu$ l. of 40mg/ml. stock).....  
(use back of page if necessary)

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