

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.....**A956**

GENOTYPE..... cspA1; fwnA1; choA101; **thiB101**; pdxA2.....

DESIGNATION OF

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

LINKAGE GROUP(S)..... **III**.....**I**.....**III**..... **IV**..... **VI**.....

STRAIN DESIGNATION IF WILD-TYPE

YOUR STOCK NUMBER FOR THIS CULTURE..... **EK163**

include stock no. from other collections

ORIGIN OF STOCK:..... **EK163** = UV of **EK132** = cspA1; fwnA1; choA101; pdxA2 [from 2n (**006**)]....

2n (**006**) = **EK 028** / **EK053** = FGSC# **A954**.....

EK028 = cspA1; fwnA1; lysA7; leuA1 [from 2n (**001**) : **EK019** = N690=# **A806** / **EK 017**=N409=# **A798**]

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

PUBLISHED REFERENCES..... None for **thiB101**, a mutation in the new gene **thiB** in Lg. IV.....

Basic ref. for strain of origin (N724 = FGSC#**A909**): Bos et al. (1993) Appl. Microbiol. Biotechnol. **38**:742-745

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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics..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

thiB101 was mapped to linkage group IV in a diploid marked for Lgs. I-VII [(2n **036**), see FGSC# **A981**]....

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

thiB101 is relatively clear-cut in test media with many supplements but lacking thiamin, in contrast to **thiA1**..: a

new gene thiB is proposed since **thiA1** maps in Lg III (N749 = FGSC# **A915**).....

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(use back of page if necessary)

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