Fungal Genetics Stock Center
Dept. of Microbiology
Univ. of Kansas Medical Center

Kansas City, KS 66103

PLEASE PROVIDE COMPLETE INFORMATION

Reprints or other data relating to this deposit will aid the Stock Center and recipients of the strain.

Accession number

SPECIES Aspergillus [Emericella] nidulans **MATING TYPE** Homothallic A 1061

GENOTYPE pyrG89 pabaA1 ; wA3 ; bimD6 pyroA4 ; chaA1

DESIGNATION OF MUTANT ALLELES 89 1 ; 3 ; 6 4 ; 1

LINKAGE GROUP(S) I ; II ; IV ; VIII

STRAIN DESIGNATION IF WILD-TYPE /

YOUR STOCK NUMBER FOR THIS CULTURE EK4078 (Cross 3303, isolation No 5, T)
include stock no. from other collections

ORIGIN OF STOCK From Cross : M3130/ pyrG89* pabaA1 yA2; wA3; pyroA4 (From NR Morris Lab G. May ; 1986)
(3303) × EK4102/ riboA1; bimD6+ pyroA4; chaA1 (3217.1.17)
from cross (3217)
EK4102/FGSC A1063 [=M3659] riboA1; sC12; bimD6+ pyroA4 (D6.9 May Lab) (3217) × A834 [=M3811] pabaA1. pyroA4. uvsD153. choA1; chaA1
for example - obtained from, genetic background, from cross with; or if collected from nature, collection point, substrate and collector.

PUBLISHED REFERENCES 1993 Denison et al. Genetics 134:1085 (cloning, sequencing & phenotypic analysis of bimD6)
2000 van Heemst, Diana ; PhD thesis, Wageningen University, NL
(and submitted publ) strain used for interspecies transformation
(for any information regarding this stock) with Sordaria spo76 to test for complementation

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics bimD6+ ts: optimal 25°, lethal 42°
* pyrG89 : cold sensitive, optimal 37° ; both mutants OK at 30-32°
Double mutant strains pyrG89 ; bimD6, routinely grown at 32° (≈30°).

COMMENTS (special growth requirements, aberrations, heterokaryon compatibility, special uses of strain, etc.)
*pyrG89 produces suppressor mutations (of cold sensitivity) when cultured for extended periods at low T.
+bimD6 produces abnormal chromosome segregation if returned to low T after "heat shock" ; sterile in homozygous crosses or selfing
(use back of page if necessary)

YOUR NAME Etta Kafer **DATE** Nov. 30, 2000