

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 nidulans MATING TYPE A857

GENOTYPE Aspergillus

DESIGNATION OF MUTANT ALLELE(S) suC3veA1 (Genotype = pabaA1; suC3veA1; veA1)

LINKAGE GROUP(S) III

STRAIN DESIGNATION IF WILD-TYPE _____

YOUR STOCK NUMBER FOR THIS CULTURE TU 48
include stock no. from other collections

ORIGIN OF STOCK UV mutagenesis of TU 1 (pyroA4; veA1). TU 1 was derived from a cross between FGSC #4 and R153 (wA3; pyroA4; veA1) strain obtained from Clive Roberts via

Ron Morris.

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

PUBLISHED REFERENCES Mooney, J.L., D. E. Hassett, and L.N. Yager. 1990. Genetic Analysis of suppressors of the veA1 mutation in Aspergillus nidulans. Genetics 126: 869-874.

(for any information regarding this stock)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics _____

suC3veA1 is an allele of fluG. Previous published reports by Adams, et al. (Molecular Cell Biology 12: 3827-3833; 1992) describing acoD102 and acoD684 mutations. Recent work shows that these two alleles are also alleles of fluG. In other words, acoD is fluG. suC3veA1 should be renamed, but I'm not sure to what.

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

Phenotypically like ve+. Requires light to conidiate, but will sporulate (weakly) on media supplemented with 1.2 M sorbitol. Minimal media will also work, but not as well.

Fluffy phenotype in the dark. Mutant is also temperature sensitive ; aco at 42 C.
(use back of page if necessary)

YOUR NAME Lawrence N. Yager DATE May 27, 1993