

PLEASE PROVIDE COMPLETE INFORMATION

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

Accession
number

10144

SPECIES *Neurospora crassa* MATING TYPE A

GENOTYPE polh A

DESIGNATION OF MUTANT ALLELE(S) polh (43-27) A

LINKAGE GROUP(S) IL STRAIN DESIGNATION IF WILD-TYPE _____

YOUR STOCK NUMBER FOR THIS CULTURE polh (43-27) A

include stock no. from other collections _____

ORIGIN OF STOCK RIP induced polh mutant, Ranjan Tamuli

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

PUBLISHED REFERENCES _____

RECOMMENDED CATALOG LISTING _____

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,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

PCR amplified 1523 bp fragment of NCU 1936.1 (*polh*) with primers 5' GCA TGA AGC GTT CAC GGT TC and 5'CAG AGT CAA CCG TCG CTG TC, cloned amplicon into EcoRV site of pCSN44 and transformed into *erg-3 a* (FGSC 2725). Crossed transformants with OR A (FGSC 987), obtained *erg-3⁺* segregants homokaryotic for transgene. *43 a* mutant (Accession number DQ494492) crossed with *un-16A*(FGSC 4306) and obtained *43-27 A* mutant (confirmed by Rsa I digestion of endogenous *polh* gene).

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

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No requirements

(use back of page if necessary)

YOUR NAME Ranjan Tamuli and Dr. D. P. Kasbekar

DATE 8-22-2006