

PLEASE PROVIDE COMPLETE INFORMATION

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

Accession
number

10149

SPECIES *Neurospora crassa* MATING TYPE A

GENOTYPE _____ *mus-42, his-3 A*

DESIGNATION OF MUTANT ALLELE(S) _____ *mus-42 (51)*

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

YOUR STOCK NUMBER FOR THIS CULTURE _____ *mus-42 (51)A*
include stock no. from other collections _____

ORIGIN OF STOCK **RIP induced *mus-42* 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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,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 1427 bp fragment of NCU 02053.1 (*mus-42*) with primers 5'GGT TCG
CCG ACT ACT TCC AA and 5' GCT CCT TGA TGC GAT CTC G, cloned amplicon
into EcoRV site of pCSN44 and transformed into *his-3 A* (FGSC 6103). Crossed
transformants with *OR a* (FGSC 988), obtained *erg-3⁺* segregants homokaryotic for
transgene. Obtained *51A* from transgene homozygous cross, confirmed RIP by partial
sequencing. Accession number **DQ235541, DQ235542.**

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

Histidine

(use back of page if necessary)

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

DATE 8-22-2006