

PLEASE PROVIDE COMPLETE INFORMATION

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

Accession
number

10150

SPECIES *Neurospora crassa* MATING TYPE a

GENOTYPE mus-42, his-3 a

DESIGNATION OF MUTANT ALLELE(S) mus-42 (31)

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

YOUR STOCK NUMBER FOR THIS CULTURE mus-42 (31)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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,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 *31a* from transgene homozygous cross, confirmed RIP by partial sequencing. Accession number **DQ235545, DQ235546.**

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

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