

Fungal Genetics Stock Center
Dept. of Microbiology
Univ. of Kansas Medical Center
Kansas City, KS 66160-7420

PLEASE PROVIDE COMPLETE INFORMATION

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

SPECIES Neurospora crassa MATING TYPE A^{m33} Accession number 8377

GENOTYPE his-3⁺; tk⁺ cyh-1; Bml^r pan-2; inl

DESIGNATION OF MUTANT ALLELE(S) KH52(r); 511(r); Y153M96; 37401?

LINKAGE GROUP(S) I, VI, V STRAIN DESIGNATION IF WILD-TYPE _____

YOUR STOCK NUMBER FOR THIS CULTURE RLM 89-15
include stock no. from other collections

ORIGIN OF STOCK Selected by transformation of his-3 inl cyh-1 Bml to his-3⁺ host with truncated his-3 to put tk⁺ next to his-3⁺. tk is driven by arg-2 promoter

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

PUBLISHED REFERENCES _____

(for any information regarding this stock)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics _____

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

het compat. with Oak Ridge; A^{m33} is compat. with both mating types; tk⁺ (thymidine kinase) gene of herpes simplex inserted at his-3⁺ locus, renders strain ultra-sensitive to (use back of page if necessary) 5-fluoro-deoxyuridine (FUDR) at 0.5-1.0 μM concentration.

YOUR NAME Robert L. Metzzenberg DATE 7/28/99
Matthew Sachs is co-donor of these strains

Sensitivity is dominant.
Used to resolve heterokaryon

Return to the FGSC Home page