

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<sup>m33</sup> Accession number 8376

GENOTYPE his-3<sup>+</sup>; tk<sup>+</sup> cyh-1; Bml<sup>r</sup> pan-2

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

LINKAGE GROUP(S) I, VI STRAIN DESIGNATION IF WILD-TYPE \_\_\_\_\_

YOUR STOCK NUMBER FOR THIS CULTURE RLM 87-22  
include stock no. from other collections

ORIGIN OF STOCK Selected by transformation of his-3 pan-2 cyh-1 Bml to his-3<sup>+</sup> host with truncated his-3 to put tk<sup>+</sup> next to his-3<sup>+</sup>. 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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics \_\_\_\_\_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<sup>m33</sup> is compat. with both mating types; tk<sup>+</sup> (thymidine kinase) gene of herpes simplex inserted at his-3<sup>+</sup> locus, renders strain ultra-sensitive to (use back of page if necessary) 5-fluoro-deoxyuridine (FUDR) at 0.5-1.0  $\mu$ M concentration. Sensitivity is dominant. Used to resolve heterokaryon.

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

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