

Fungal Genetics Stock Center
Cell Biology and Biophysics
School of Biological Sciences
5100 Rockhill Road
University of Missouri, Kansas City
Kansas City, MO 64110

PLEASE PROVIDE COMPLETE INFORMATION

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

Accession
number

9720

SPECIES Neurospora crassa MATING TYPE mat A

GENOTYPE Δ mus-52 :: bar⁺, his-3 mat A

DESIGNATION OF MUTANT ALLELE(S) his-3 (1-234-723)

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

YOUR STOCK NUMBER FOR THIS CULTURE 77-11
include stock no. from other collections

ORIGIN OF STOCK

Mus-52 gene was replaced by bar gene in FGSC 4200 background and the heterokaryotic transformant crossed to FGSC 6103. This strain is a his-3 mat A Δ mus52 progeny from the cross.

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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics
Hildur V. Colot, Gyungsoon Park*, Carol Ringelberg, Susan Curilla, Christopher Crew*, Jennifer J. Loros, Katherine A. Borkovich* and Jay C. Dunlap. Genetics Department, Dartmouth Medical School, Hanover, NH; and *Department of Plant Pathology, University of California, Riverside, CA

COMMENTS (special growth requirements, aberrations, heterokaryon compatibility, special uses of strain, etc.)
Strain requires histidine (100ug/ml). The herbicide phosphinothricin (PPT, Ignite or BASTA, 400ug/ml) selects for the bar gene replacement marker.

(use back of page if necessary)

YOUR NAME Gyungsoon Park DATE 1-20-2005