

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

SPECIES Neurospora crassa MATING TYPE _____ 9548

GENOTYPE nit-10

DESIGNATION OF MUTANT ALLELE(S) Rip-28

LINKAGE GROUP(S) V

YOUR STOCK NUMBER FOR THIS CULTURE _____
include stock no. from other collections

ORIGIN OF STOCK Rip (with cloned nit-10+ gene) _____

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

PUBLISHED REFERENCES Biochemical Genetics 42: 21-34 (2004)

Nit-10+ encodes a nitrate transporter (permease) _____

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,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

74OR23 wild -type used for Rip procedure. Rip mutant isolated by Dr.
Fei Gao-Rubinelli

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

Grows on most media but cannot grow using a low concentration of
nitrate as the sole nitrogen source. Unlike wild-type, the nit-10
mutant cannot grow with 1 or 2 mM nitrate (but grows well if nitrate
concentration is 20 mM).

YOUR NAME George A. Marzluf DATE 7-21-2004