

10594

Fungal Genetics Stock Center
Cell Biology and Biophysics
School of Biological Sciences
5007 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
10594

SPECIES Neurospora crassa MATING TYPE mat a

GENOTYPE wt rid^{RIP4} his3+::Pccg-1::bml-sgfp + rid^{RIP} his-3; Pccg-1::lifeact-tagrfp-t::bar+

DESIGNATION OF MUTANT ALLELE(S) N2506

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

YOUR STOCK NUMBER FOR THIS CULTURE NCAL021-1
include stock no. from other collections

ORIGIN OF STOCK Fungal Cell Biology Group, Institute of Cell Biology, Edinburgh University, UK

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

PUBLISHED REFERENCES Freitag et al., 2004, Fungal Genetics and Biology 41: 897-910.; Berepiki et al., 2010, F-actin dynamics in Neurospora crassa, EukCell 9: 547-557; A.Lichius, 2010 'Cell Fusion in Neurospora crassa', Ph.D. thesis, Edinburgh University, UK.

RECOMMENDED CATALOG LISTING _____

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics _____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

N. crassa wt(a) ectopically co-expressing Lifeact-TagRFP-T fusion constructs under control of Pccg-1 promoter after random integration of pAL5-Lifeact plasmid in a N2506 strain background. Red fluorescently labeled F-actin and green labeled microtubules in living fungal cells.

YOUR NAME Alexander Lichius DATE 20.05.2010