Isolation source: Mutation with N-methyl-N´-nitro-N-nitrosoguanidine(MNG) and recombination. (((UBC 21 x S102) x NRRL 1555) x S102) x C148. C148, *carA5 madC119 (–)* mutant of C2.

PUBLISHED REFERENCES
López-Díaz I, Lipson ED, Genetic analysis of hypertropic mutants of *Phycomyces*, Molecular and General Genetics, 190, 1983, 318-325.

COMMENTS
Defective phototropism
Research on responses to light.

SPECIE *Phycomyces blakesleeanus*

25073

GENOTYPE *madI716 (–)*

YOUR STOCK NUMBER FOR THIS CULTURE **L153**

ORIGIN OF STOCK: Mutant of wild type strain NRRL 1555

Isolator: A. Pérez Eslava, laboratory of E. D. Lipson Department of Physics, University of Syracuse, Syracuse, New York, USA.
Isolation source: MNG mutagenesis.

PUBLISHED REFERENCES
Alvarez MI, Eslava AP, Lipson ED, Phototropism mutants of *Phycomyces blakesleeanus* isolated at low light intensity, Experimental Mycology, 13, 1989, 38-48.

COMMENTS
Defective in responses to light and other stimuli.
Research on responses to light and other stimuli.

SPECIE *Phycomyces blakesleeanus*

25074

GENOTYPE *madA7 madB103 (–)*

YOUR STOCK NUMBER FOR THIS CULTURE **L51**

ORIGIN OF STOCK: From the wild type strains NRRL 1555 and UBC 21.

Isolator: Laboratory of E. D. Lipson Department of Physics, University of Syracuse, Syracuse, New York, USA.
Isolation source: Mutation with N-methyl-N´-nitro-N-nitrosoguanidine(MNG) and recombination.((((UBC 21 x S102) x NRRL 1555) x S102) x C111) x C21.

PUBLISHED REFERENCES
López-Díaz I, Cerdá-Olmedo E, Relationship of photocarotenogenesis to other behavioral and regulatory responses in *Phycomyces*, Planta, 150, 1980, 134-139.

COMMENTS
Defective severed in responses to light.