

PUBLISHED REFERENCES

Garre V, Torres-Martínez S, Mutants of *Phycomyces blakesleeanus* defective in acetyl-CoA synthetase, *Fungal Genetics and Biology*, 2, 1996, 70-73.

COMMENTS

Defective acetyl-CoA synthetase.  
Research on metabolism.

**SPECIE *Phycomyces blakesleeanus***

25080

YOUR STOCK NUMBER FOR THIS CULTURE : **S101**

GENOTYPE *carS42 mad-107 (+)*

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

Isolator: F. J. Murillo, laboratory of Enrique Cerdá Olmedo, Departamento de Genética, Facultad de Biología, Universidad de Sevilla.

Isolation source: Mutation with N-methyl-N'-nitro-N-nitrosoguanidine (MNG) and recombination. UBC 21 x (C115 \* NRRL 1555).

PUBLISHED REFERENCES

Murillo FJ, Cerdá-Olmedo E, Regulation of carotene synthesis in *Phycomyces*, *Molecular and General Genetics*, 148, 1976, 19-24.

COMMENTS

$\beta$ -carotene rich-mutant.  
Research on biosynthesis of carotenes.

**SPECIE *Phycomyces blakesleeanus***

25081

GENOTYPE *nicA101 (-)*

YOUR STOCK NUMBER FOR THIS CULTURE **S102**

ORIGIN OF STOCK: From wild type strain NRRL 1555

Isolator: F. J. Murillo, laboratory of Enrique Cerdá Olmedo, Departamento de Genética, Facultad de Biología, Universidad de Sevilla, Spain

Isolation source: MNG mutagenesis.

PUBLISHED REFERENCES

Torres-Martínez S, Murillo FJ, Cerdá-Olmedo E, Genetics of lycopene cyclization and substrate transfer in  $\beta$ -carotene biosynthesis in *Phycomyces*, *Genetical Research*, 36, 1980, 299-309.

COMMENTS

Nicotinic acid auxotroph (1 mg/l ).  
Stable genetic marker; it does not revert.