

Genética, Facultad de Biología, Universidad de Sevilla, Spain.
Isolation source: Mutation with N-methyl-N'-nitro-N-nitrosoguanidine (MNG) and recombination. S556 * B36 x S102. B36, ((((((UBC 21 X S102) X NRRL 1555) X S102) X NRRL 1555) X NRRL 1555) X S102). B36, *nicA101* (-).

PUBLISHED REFERENCES

Mehta BJ, Salgado LM, Bejarano ER, Cerdá-Olmedo E, New mutants of *Phycomyces blakesleeanus* for β -carotene production, Applied and Environmental Microbiology, 63, 1997, 3657-3661.

COMMENTS

β -carotene rich-mutant.
Research on biosynthesis of carotene.

SPECIE *Phycomyces blakesleeanus*

GENOTYPE (+)/(-) *carA5/carA+* *carF181* /*carF+*

YOUR STOCK NUMBER FOR THIS CULTURE **S571**

25021

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

Isolator: Bina Mehta, laboratory of Enrique Cerdá Olmedo, Departamento de Genética, Facultad de Biología, Universidad de Sevilla, Spain
Isolation source: Mutation with N-methyl-N'-nitro-N-nitrosoguanidine (MNG) and recombination. S563 x C2.

PUBLISHED REFERENCES

Mehta BJ, Cerdá-Olmedo E, Intersexual partial diploids of *Phycomyces*, Genetics, 158, 2001, 635-641.

COMMENTS

β -carotene rich-mutant. Intersexual partial diploid.
Research on sexuality and biosynthesis of carotenes.

SPECIE *Phycomyces blakesleeanus*

GENOTYPE *aga-1* (-)

YOUR STOCK NUMBER FOR THIS CULTURE **S613**

25022

ORIGIN OF STOCK Wild type strain NRRL 1555

Isolator: D. Weinkove, laboratory of Enrique Cerdá Olmedo at the Genetic Department, Biology School, Sevilla University
Isolation source: Spontaneous mutant of C2 * S213. S213, *dar52*, spontaneous mutant of NRRL 1555.

PUBLISHED REFERENCES

Weinkove D, Poyatos JA, Greiner H, Oltra E, Avalos J, Fukshansky L, Barrero AF, Cerdá-Olmedo E, Mutants of *Phycomyces* with decreased gallic acid content, Fungal Genetics and Biology, 25, 1998, 196-203.