

Isolator: R. Garcés Mancheño, laboratory of Enrique Cerdá Olmedo, Departamento de Genética, Facultad de Biología, Universidad de Sevilla, Spain.

Isolation source: MNG mutagenesis of A87, *lysA401* (-) mutant, of NRRL 1555.

PUBLISHED REFERENCES

Garcés R, Santero E, Medina JR, Análisis genético de mutantes de *Phycomyces blakesleeanus* carentes de actividad deshidrogenasa del alcohol, *Genética Ibérica*, 38, 1986, 73-82.

COMMENTS

Dehydrogenase deficient, lysine auxotroph.
Stable genetic marker.

SPECIE *Phycomyces blakesleeanus*

25090

GENOTYPE *carB10 nicA101* (+)

YOUR STOCK NUMBER FOR THIS CULTURE: **S342**

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

Isolator: 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. C242 x (S240*S265). S240, (((C247 x NRRL 1555) x S102) x C107) * C9 x C247. S256, spontaneous mutant of C5.

PUBLISHED REFERENCES

Polaino S, Herrador MM, Cerdá-Olmedo E, Barero AF, Splitting of b-carotene in the sexual interaction of *Phycomyces*, *Organic & Biomolecular Chemistry*, 8, 2010, 4229-4231.

COMMENTS

Phytoene rich-mutant and nicotinic acid auxotroph (1 mg/l).
Research on biosynthesis of carotenes and sexuality.

SPECIE *Phycomyces blakesleeanus*

25091

GENOTYPE *gal-5 nicA101* (+)

YOUR STOCK NUMBER FOR THIS CULTURE **S395**

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

Isolator: Laboratory of Enrique Cerdá Olmedo, Departamento de Genética, Facultad de Biología, Universidad de Sevilla, Spain.

Isolation source: Mutation of B36, ((((((UBC 21 x S102) X NRRL 1555) x NRRL155) x NRRL 1555) x NRRL 1555) x S102) with N-methyl-N'-nitro-N-nitrosoguanidine (MNG).

PUBLISHED REFERENCES