

COMMENTS

Deoxigalactose resistant (100 ppm) on sorbitol medium, nicotinic acid auxotroph.

Stable genetic marker.

SPECIE *Phycomyces blakesleeanus*

25092

GENOTYPE *carA57 carS42 (+)*

YOUR STOCK NUMBER FOR THIS CULTURE **S468**

ORIGIN OF STOCK: From the wild type strains NRRL 1555, UBC 21 and UBC 24.

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. C115*S102 X S198. S198, UBC 21 x S18. S18, *carA57 madC209 (-)*, mutant of UBC24.

PUBLISHED REFERENCES

Salgado LM, Cerdá-Olmedo E, Genetic interactions in the regulation of carotenogenesis in *Phycomyces*, *Current Genetics*, 21, 1992, 67-71.

COMMENTS

β carotene rich-mutant.

Research on biosynthesis of carotenes.

SPECIE *Phycomyces blakesleeanus*

25093

GENOTYPE *carA87 carS42 (-)*

YOUR STOCK NUMBER FOR THIS CULTURE **S470**

ORIGIN OF STOCK: Wild Type Strain NRRL 1555

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

Isolation source: C115 * S102 x C200. C200, *carB10 geo-1 (-)*, C5 mutant.

PUBLISHED REFERENCES

Corrochano LM, Cerdá-Olmedo E, Photomorphogenesis in behavioural and colour mutants of *Phycomyces*, *Journal of Photochemistry and Photobiology*, 6, 1990, 325-335.

COMMENTS

β carotene rich-mutant.

Research on biosynthesis of carotenes.

SPECIE *Phycomyces blakesleeanus*