

GENOTYPE *carA5 carS42 mad-107(+)*

YOUR STOCK NUMBER FOR THIS CULTURE **S280**

25087

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. C115 * S102 x C242. C242, ((UBC 21 x C2) x S102).

PUBLISHED REFERENCES

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

COMMENTS

Defective photoinduction of carotenogenesis.

Research on biosynthesis of carotenes.

SPECIE *Phycomyces blakesleeanus*

25088

GENOTYPE *carA5 carS42 nicA101 (-)*

YOUR STOCK NUMBER FOR THIS CULTURE **S283**

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. C115 * S102 x C242. C242, ((UBC 21 x C2) x S102).

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

Yellow, β -carotene rich-mutant, no photoinducible. Nicotinic acid auxotroph (1 mg/l).

Research on biosynthesis of carotenes.

SPECIE *Phycomyces blakesleeanus*

25089

GENOTYPE *adh-4 lys-401 (-)*

YOUR STOCK NUMBER FOR THIS CULTURE **S294**

ORIGIN OF STOCK: Wild Type Strain NRRL 1555