

COMMENTS

Deficient on gallic acid production.  
Research on biosynthesis of phenolic compounds and its biological functions.

**SPECIE *Phycomyces blakesleeanus***

25023

GENOTYPE *carG* (-)

YOUR STOCK NUMBER FOR THIS CULTURE: **S616**

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

Isolator: B. 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. S294 x S395.

PUBLISHED REFERENCES

Mehta BJ, Luque EM, Rabbani S, Beyer P, Cerdá-Olmedo E, Carotene and oil in *Phycomyces* mutants, *Advances in Plant Lipid Research*, 1998, 613-616.

COMMENTS

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

**SPECIE *Phycomyces blakesleeanus***

25024

GENOTYPE *carF* (+) / *carF* (-)

YOUR STOCK NUMBER FOR THIS CULTURE **S620**

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

Isolator: B. 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. S562 x S263, { [(((UBC 21 x C2) x S102) x C115\*S102) \* ((((((UBC 21 x S102) x NRRL 1555) x NRRL 1555) x NRRL 1555) x NRRL 1555) x S102) ] x S102 } x [((((((UBC 21 x S102) x NRRL 1555) x NRRL 1555) x NRRL 1555) x NRRL 1555) x S102)] \* S80 x S213. S213, *dar-52* (-), spontaneous mutant of NRRL 1555. S80, *carR21*.

PUBLISHED REFERENCES

COMMENTS

$\beta$ -carotene rich-mutant and intersexual partial diploid.  
Research on sexuality and biosynthesis of carotenes.