

MUT-4764 rbcS1-SSAT pf2 mt+

Cat. No. ALS-03900

Lot. No. (See product label)

Subcategory

Mutants

Description

Using a plasmid that encodes the Arabidopsis-Rubisco small subunit, rbcS Δ -CAL005.01.13 pf2 mt+ (MUT-4692) was transformed. In contrast to the SSAT mutant described previously, this strain has a cell wall and can be used in genetic crosses. The strain has been maintained with acetate medium in darkness to prevent selection for secondary mutations that may improve Rubisco function or stability.

Species

Chlamydomonas

Locus

RBCS1, PF2

Chromosome

2,11

Phenotype

Altered CO₂ assimilation

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY