

MUT-4723 rbcS1-I58E mt-

Cat. No. ALS-03860

Lot. No. (See product label)

Subcategory

Mutants

Description

Using plasmid pSS1, which contains rbcS1 that encodes Rubisco small-subunit 1, and rbcSΔ-T60-3 mt- (MUT-4690) as the host strain, directed mutagenesis and nuclear-gene transformation were used to create an I58E substitution (ATC-GAG) in the Rubisco small subunit. This strain has been maintained with acetate medium in darkness since its isolation.

Species

Chlamydomonas

Locus

RBCS1

Chromosome

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY