

# MUT-4858 rbcL-L290F/rbcSΔ- CAL005.01.13 mt+ (non-pf2 progeny used for genetic analysis)

Cat. No. ALS-03993

Lot. No. (See product label)

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## Subcategory

Mutants

## Description

This strain was recovered from a cross between rbcL-L290F mt+ (MUT-4833) and rbcSΔ-CAL005.01.13 pf2 mt- (MUT-4693). It was used to investigate Rubisco rbcS2 small-subunit substitutions that complement an rbcL large-subunit substitution in the absence of the rbcS1 gene. The strain has been maintained with acetate medium in darkness since its recovery.

## Species

Chlamydomonas

## Locus

rbcL

## Chromosome

Chloroplast

## Phenotype

Requires acetate; sensitive to light

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**