

MUT-4906 67-12E mt+

Cat. No. ALS-04041

Lot. No. (See product label)

Subcategory

Mutants

Description

The 67-12E chloroplast mutant was isolated by screening for temperature-conditional, acetate-requiring mutants. It can grow on minimal medium at 25 °C, but dies on minimal medium at 35 °C. Mutant 67-12E has an 80% decrease in oxygen evolution and chlorophyll when grown at 35 °C, but the genetic basis for defective photosynthesis is not known. This strain has been maintained with acetate medium in darkness to prevent selection for revertants or suppressors.

Species

Chlamydomonas

Chromosome

Chloroplast

Phenotype

Requires acetate at 35 °C; temperature-conditional

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