

MUT-4649 70-5Y mt- (rbc-4-70-5Y) non-pf2 progeny used for genetic analysis

Cat. No. ALS-03786

Lot. No. (See product label)

Subcategory

Mutants

Description

The 70-5Y nuclear mutant was isolated by screening a collection of acetate-requiring mutants for lack of complementation with a known Rubisco rbcL mutant. 70-5Y grows on minimal medium at 25 °C, but dies on minimal medium at 35 °C. The mutant was crossed with pf2 mt- to confirm mendelian inheritance, and this mt-progeny clone was retained for further analysis. This strain has been maintained with acetate medium in darkness since its isolation.

Species

Chlamydomonas

Phenotype

Requires acetate at 35 °C; temperature-conditional

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