

MUT-4646 72-7JJ pf2 mt- (rbc-5-72-7JJ) pf2 progeny used for genetic analysis

Cat. No. ALS-03783

Lot. No. (See product label)

Subcategory

Mutants

Description

The 72-7JJ nuclear mutant was isolated by screening a collection of acetate-requiring mutants for lack of complementation with a known Rubisco rbcL mutant. 72-7JJ 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 pf2 mt- progeny clone was retained for further analysis. This strain has been maintained with acetate medium in darkness since its isolation.

Species

Chlamydomonas

Locus

PF2

Chromosome

11

Phenotype

Requires acetate at 35 °C; temperature-conditional

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY