

MUT-2471 pc1 mt-

Cat. No. ALS-02365

Lot. No. (See product label)

Subcategory

Mutants

Description

This mutant cannot photoconvert protochlorophyllide. Although it is not light-sensitive, we maintain it in the dark to avoid selecting for reversion or suppression. This strain is green in the dark. It was determined that this is a deletion mutation in the gene encoding NADPH:protochlorophyllide oxidoreductase. MUT-3964 couples pc1 with the y7 mutation, which prevents dark enzymatic conversion of protochlorophyllide.

Species

Chlamydomonas

Locus

PC1

Chromosome

1

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