

MUT-4178 stt7 mt+

Cat. No. ALS-03395

Lot. No. (See product label)

Subcategory

Mutants

Description

The stt7 mutant is defective in state transition between photosystem I and photosystem II. It can grow photoautotrophically, although at a slower rate than wild type. The STT7 gene is a serine-threonine protein kinase associated with the thylakoid membranes, and is an ortholog of Arabidopsis STN7. *The copy in our collection lost the the original phenotype and does undergo state transition.

Species

Chlamydomonas

Locus

STT7

Chromosome

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