

MUT-3356 far1-6 supcs1-2 mt+ [Zhang C83-2A]

Cat. No. ALS-02777

Lot. No. (See product label)

Subcategory

Mutants

Description

The far1 (free from ammonia repression) mutants were isolated by insertional mutagenesis or by selection of spontaneous mutants with constitutive expression of the NIT1 (nitrate reductase) gene in the presence of ammonia. MUT-3356 is the far1-6 mutant, which was isolated in a pf14 background after transformation with the wild-type RPS3 (PF14) gene as a reporter for expression from the NIT1 promoter). This strain is the product of a cross of the original far1-6 to a strain carrying the supcs1-2 mutation, conferring cold sensitivity.

Species

Chlamydomonas

Locus

FAR1

Chromosome

1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY