

MUT-613 pf14 mt-

Cat. No. ALS-01430

Lot. No. (See product label)

Subcategory

Mutants

Description

This mutant is easy to score, and is an excellent marker for the right arm of linkage group VI. The pf14 mutants lack radial spokes and are missing a set of 17 spoke-associated polypeptides. Dikaryon and revertant analysis was used to identify one of these as a probable gene product. The gene was subsequently cloned and sequenced confirming identity of the gene product as radial spoke protein 3.

Species

Chlamydomonas

Locus

PF14 [RSP3]

Chromosome

6

Phenotype

Impaired motility

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY