

# MUT-4283 fla3-1

*Cat. No.* ALS-03459

*Lot. No.* (See product label)

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## Subcategory

Mutants

## Description

This is progeny clone 1B from a backcross of the original fla3-1 strain (MUT-1391) to 21gr. The backcrossed strain is temperature sensitive for flagellar assembly at 32 °C. The FLA3 gene encodes the KAP (kinesin associated protein) subunit of the kinesin 2 complex, which also includes the motor subunits FLA10 and FLA8. The fla3 mutation is a single base pair change at nucleotide 6853 of the cDNA sequence (T to C) and results in the change of a conserved phenylalanine to a leucine at amino acid residue 453.

## Species

Chlamydomonas

## Locus

FLA3 [KAP]

## Chromosome

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**