

MUT-2530 vfl2 mt+

Cat. No. ALS-02408

Lot. No. (See product label)

Subcategory

Mutants

Description

This mutant has a variable number of flagella, usually zero to six. The flagella are of normal length, and the cells appear to be of normal size and shape. The mutation was UV-induced in strain 'NO mt+' (equivalent to MUT-620), originally vfl-2-220. It was determined that vfl2 is a G to A transition mutation in the structural gene for centrin, producing a Glu to Lys change at position 101, the first amino acid of the E-helix of the protein's third EF-hand.

Species

Chlamydomonas

Locus

VFL2

Chromosome

11

Phenotype

Variable number of flagella

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