

# MUT-3045 imp3 arg2 mt-

*Cat. No.* ALS-02695

*Lot. No.* (See product label)

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## Subcategory

Mutants

## Description

Cells with the imp3 mutation agglutinate strongly with partners of opposite mating type, but the initial adhesion is lost, cell walls are not shed, and gamete fusion is rare. This mutant is defective in production of cAMP in response to flagellar adhesion.

## Species

Chlamydomonas

## Locus

ARG7

## Chromosome

1

## Phenotype

Does not mate; requires arginine

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY