

# MUT-975 nic13 ac17 msr1 pyr1 act2 nr1 sr1 pf2 mt+

Cat. No. ALS-01576

Lot. No. (See product label)

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## Subcategory

Mutants

## Description

This is a derivative of the mapping strain MUT-28. The nr1 mutation was added to provide a marker for linkage group VIII. The can1 marker, present in the original MUT-28 strain, was not scored in the cross that created MUT-975, and may or may not be present in this derivative strain.

## Species

Chlamydomonas

## Locus

AC17, ACT2 [RPL36a], MSR1, NIC13 [NSN1] NR1, PF2, PYR1, SR1

## Chromosome

1,3,4,6,8,9,10,11

## Phenotype

Requires acetate and nicotinamide; resistant to antibiotics and metabolic inhibitors (cycloheximide; methionine sulfoximine; neamine; pyrithiamine; and streptomycin); motility impaired.

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**