

# MUT-1085 nit1 mt+

Cat. No. ALS-01634

Lot. No. (See product label)

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## Subcategory

Mutants

## Description

From a cross of MUT-1039 wild type nit+ mt+ [subsequently replaced by MUT-1690] x MUT-1064 nit1 msr1 ac17 sr-u-sm2 mt- [a stock no longer in the collection]. This is the nit1-137 allele, which arose spontaneously in the 137c wild type background, and renders cells deficient in nitrate reductase, requiring a reduced nitrogen source (e.g. ammonium) for growth. Most 137c strains also carry the nit2-137 mutation, but MUT-1085 has the wild type allele at the NIT2 locus. This mutant is rescued by pMN24.

## Species

Chlamydomonas

## Locus

NIT1

## Chromosome

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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