

MUT-1085 nit1 mt+

Cat. No. ALS-01634

Lot. No. (See product label)

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

9

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY