

MUT-4098 dum11 (cob deletion) mt-

Cat. No. ALS-03321

Lot. No. (See product label)

Subcategory

Mutants

Description

This mutant has a deletion of 0.7 kb in the cob gene and adjacent end of the mitochondrial genome. DNA analysis showed 15.1 kb monomer genomes and also dimers resulting from asymmetric fusions at the deleted end. The mutant is respiratory-deficient, and cannot grow on acetate in the dark. It lacks cyanide-sensitive respiration.

Species

Chlamydomonas

Locus

cob

Chromosome

Mitochondrial

Phenotype

Dies in the dark

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY