

MUT-181 sr-u-2-23 mt+

Cat. No. ALS-01284

Lot. No. (See product label)

Subcategory

Mutants

Description

This is a subclone of the original sr-u-2-23 mutant, using nitrosoguanidine as mutagen. This strain shows moderately low levels of streptomycin resistance (50-100 micrograms/mL) on minimal medium, and somewhat higher levels of resistance when grown on acetate. The mutation is a C>U change at position 856 in the chloroplast 16S rRNA, equivalent to position 912 of E. coli.

Species

Chlamydomonas

Locus

rrnS

Chromosome

Chloroplast

Phenotype

Antibiotic resistant (streptomycin)

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY