

MUT-2059 Ar204 (psbA G256D) mt+

Cat. No. ALS-02133

Lot. No. (See product label)

Subcategory

Mutants

Description

This mutation in the psbA gene confers resistance to atrazine and bromacil. It was obtained by mutagenesis of strain 2137 (see MUT-3269) with 5-fluorodeoxyuridine plus ethyl methanesulfonate. The mutation alters amino acid 256 of the D1 protein from Gly to Asp.

Species

Chlamydomonas

Locus

psbA

Chromosome

Chloroplast

Phenotype

Herbicide resistant (atrazine; bromacil)

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY