

MUT-3394 psbA (A251A*) mt+

Cat. No. ALS-02788

Lot. No. (See product label)

Subcategory

Mutants

Description

This strain contains a site-directed mutation A251A in the psbA gene, and a silent mutation (indicated by * in the strain name) creating an Sspl site by substituting a T for a C at position 247. MUT-125 wild-type cells were co-transformed with the psbA plasmid and with plasmid P-228, which confers spectinomycin resistance by a mutation in the gene encoding the chloroplast 16S ribosomal RNA. This strain, which retains the wild-type sequence at residue 251, was used as the control for the other psbA mutants created in the same study.

Species

Chlamydomonas

Locus

psbA

Chromosome

Chloroplast

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