

MUT-3054 ac29-3

Cat. No. ALS-02704

Lot. No. (See product label)

Subcategory

Mutants

Description

Isolated by crossing pac32-1 (MUT-3044) to MUT-85 nic7 to obtain a haploid containing the ac29-3 deletion mutation induced in a diploid strain. The mating type region in MUT-3054 is haploid based on DNA analysis, and that the mutation can be transformed with the wild type AC29 gene. The new ac29 mutation in this strain is as 3 kb deletion, now known as ac29-3. It is stable and more easily scored than other ac29 alleles. See MUT-44 for more information on the protein encoded by the AC29 gene, and reference citations.

Species

Chlamydomonas

Locus

AC29 [ALB3]

Chromosome

6

Phenotype

Requires acetate; somewhat chlorophyll deficient

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