

MUT-4596 GAF5 mt+ [isolate #6]

Cat. No. ALS-03733

Lot. No. (See product label)

Subcategory

Mutants

Description

To create this isolate, bilin-binding cyanobacteriochrome (CBCR) reporter NpF2164g5 from the cyanobacterium *Nostoc punctiforme* was transformed into the chloroplast genome of 4A+ (MUT-4051). The transformant line is resistant to 500 µg/mL Spectinomycin. The purified NpF2164g5 was shown to possess a covalently bound PCB chromophore. This line (#6) has higher level of protein expression.

Species

Chlamydomonas

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY