

# MUT-5499 $\Delta$ ChR1 $\Delta$ ChR2 [PH128]

Cat. No. ALS-04514

Lot. No. (See product label)

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## Subcategory

Mutants

## Description

This is a ChR1 /ChR2 disruption strain, generated with CRISPR/Cas9. Background strain: MUT-125; Nuclease: (Sp) Cas9 as ribonucleoprotein (RNP); Marker: pAPHVIII (p114), pAPHVII (p360); Target gene: ChR1 (COP3), Cre14.g611300, ChR2 (COP4), Cre02.g085257; Target sequence: ChR1: TGTGGCTTCGTTACGCGGAGTGG (Exon5), ChR2: GCTCGCGCCCAACGGCACTCAGG (Exon1).

## Species

Chlamydomonas

## Locus

ChR1, ChR2

## Chromosome

14, 2

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY