

MUT-5238 drc3-1 mt+ [D4]

Cat. No. ALS-04267

Lot. No. (See product label)

Subcategory

Mutants

Description

The nphp4/drc3 strain, B1179 (nphp4-1, drc3-1, arg7, ARG7, mt+) was first generated by insertional mutagenesis of H11 (arg7, mt+) with the pARG7.8 plasmid and crossed sequentially to the wild-type strains MUT-124 and 137c. This drc3 strain was then created by transformation of the crossed B1179 with NPHP4. Mutant cell lacks first 8 out of 10 exons in DRC3 and has defects in swimming speed and flagellar waveform.

Species

Chlamydomonas

Locus

DRC3 (FAP134)

Chromosome

12

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY