

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

CDC5ΔΔΔ™ 0-GFP-CDC3ΔΔΔ™-neo3 (XS73)

RRID:TSC_SD02573

Type: Organism

Proper Citation

RRID:TSC_SD02573

Organism Information

URL: <https://sites.wustl.edu/tetrahymena/finding-strains/>

Proper Citation: RRID:TSC_SD02573

Description: Tetrahymena thermophila with name CDC5ΔΔΔ™ 0-GFP-CDC3ΔΔΔ™-neo3 (XS73) from TSC.

Species: Tetrahymena thermophila

Notes: XS72 Somatic transformant obtained by shooting CU428 X B2086 exconjugant cells. In CDC2 locus, coding region replaced by GFP coding. Shortened CDC2 5ΔΔΔ™ flanking region is 0 bases but the CDC2 far 5ΔΔΔ™ flanking 1 kb sequence that is 1.6 b upstream of the ATG was used to do the homologous recombination. Neo3 cassette is in 3ΔΔΔ™ flanking region. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: CDC2 (TTHERM_01207660)

Genomic Alteration: Macronucleus: CDC2 gene has the 1.6 kb just upstream of ATG lacking and GFP coding replacing CDC2 coding. Also neo3 in 3ΔΔΔ™ flanking. region.

Catalog Number: SD02573

Background: ? (Partial replacement CDC2/cdc2-? CDC2 gene 5ΔΔΔ™ flanking sequence of 0 bp with GFP coding replacing CDC2 coding. Also neo3 in 3ΔΔΔ™ flanking.; pm-r with Cd+2, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:15870266](#), [PMID:17194754](#)

Organism Name: CDC5ΔΔΔ™ 0-GFP-CDC3ΔΔΔ™-neo3 (XS73)

Record Creation Time: 20230308T214034+0000

Record Last Update: 20260905T173624+0000

Ratings and Alerts

No rating or validation information has been found for CDC5ΔTM 0-GFP-CDC3ΔTM-neo3 (XS73).

No alerts have been found for CDC5ΔTM 0-GFP-CDC3ΔTM-neo3 (XS73).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: TSC, Tetrahymena Stock Center

Usage and Citation Metrics

We have not found any literature mentions for this resource.