

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

CDC5ΔTM 0-GFP-CDC3ΔTM-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 CDC5ΔTM 0-GFP-CDC3ΔTM-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 5ΔTM flanking region is 0 bases but the CDC2 far 5ΔTM flanking 1 kb sequence that is 1.6 b upstream of the ATG was used to do the homologous recombination. Neo3 cassette is in 3ΔTM 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 3ΔTM flanking. region.

Catalog Number: SD02573

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

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: CDC5ΔTM 0-GFP-CDC3ΔTM-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.