

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

CU428 XS49 (15)

RRID:TSC_SD02280

Type: Organism

Proper Citation

RRID:TSC_SD02280

Organism Information

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

Proper Citation: RRID:TSC_SD02280

Description: Tetrahymena thermophila with name CU428 XS49 (15) from TSC.

Species: Tetrahymena thermophila

Notes: Complete somatic transformant with HTA1-neo2 replacing the HTA1(HTAX) gene in mac of CU428. (Has ~60 bp deleted in HTA1 3' UTR flanking at about 500 bp downstream of TGA) From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HTA1 (TTHERM_00790790)

Genomic Alteration: Macronucleus: HTA1 with neo2 cassette in 3' UTR flank

Catalog Number: SD02280

Background: mpr1-1/mpr1-1 (hta1[3' UTR-neo2]; pm-r, VII)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:17242195](#)

Organism Name: CU428 XS49 (15)

Record Creation Time: 20230308T214042+0000

Record Last Update: 20260905T173635+0000

Ratings and Alerts

No rating or validation information has been found for CU428 XS49 (15).

No alerts have been found for CU428 XS49 (15).

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.