

# Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

## CU428 XS49 (15)

RRID:TSC\_SD02280

Type: Organism

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### Proper Citation

RRID:TSC\_SD02280

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### 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:** 20260829T230853+0000

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### Ratings and Alerts

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

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

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** TSC, Tetrahymena Stock Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.