

Resource Summary Report

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

HTA1-D19B1

RRID:TSC_SD02393

Type: Organism

Proper Citation

RRID:TSC_SD02393

Organism Information

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

Proper Citation: RRID:TSC_SD02393

Description: Tetrahymena thermophila with name HTA1-D19B1 from TSC.

Species: Tetrahymena thermophila

Notes: G4B1G10A x G4B3C1A. HTA.1 S1P plus all K changed to R in N-terminus used to rescue Δ HTA1 Δ HTA2 double knockout heterokaryon. Abolishes all acetylation. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HTA1 (TTHERM_00790790) + HTA2 (TTHERM_00316500)

Genomic Alteration: Micronucleus: Neo 2 knockout of HTA1 and HTA2 genes
Macronucleus: mutated HTA1

Catalog Number: SD02393

Background: hta1[Δ HTA1::neo2]/hta1[Δ HTA1::neo2]; hta2[Δ HTA2::neo2]/hta2[Δ HTA2::neo2]; CHX1/CHX1;mpr1[?]/mpr1[?] (hta1[S1V,K5R,K8R,K10R,k12R, K17R]; hta2[Δ HTA2::neo2]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:12665578](#), [PMID:11430834](#)

Organism Name: HTA1-D19B1

Record Creation Time: 20230308T214041+0000

Record Last Update: 20260905T173634+0000

Ratings and Alerts

No rating or validation information has been found for HTA1-D19B1.

No alerts have been found for HTA1-D19B1.

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.