

Resource Summary Report

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

TYAHA@MTT1 locus s.c. line #3

RRID:TSC_SD02194

Type: Organism

Proper Citation

RRID:TSC_SD02194

Organism Information

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

Proper Citation: RRID:TSC_SD02194

Description: Tetrahymena thermophila with name TYAHA@MTT1 locus s.c. line #3 from TSC.

Species: Tetrahymena thermophila

Notes: pR285D291 rescued GTUKO 5x6 progeny having mutation @ T270,Y272-AA in GTU1-1 gene, driven by MTT1 promoter. Needs Cd to induce. Has HA tag at c-terminus. #3 can be crossed with #6. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: GTU1 (TTHERM_00079520)

Genomic Alteration: Micronucleus: Neo2 into GTU1 locus Macronucleus: GTU1 with mutations T270A, Y272A and c-terminus HA tag into the MTT1 locus, partial replacement.

Catalog Number: SD02194

Background: gtu1[Δ ^neo2]/ gtu1[Δ ^neo2] (gtu1[Δ ^neo2]; MTT1/mtt1[Δ ^neo2, HAc::GTU1, T270A, Y272A]); pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:12356864](#), [PMID:16344310](#)

Organism Name: TYAHA@MTT1 locus s.c. line #3

Record Creation Time: 20230308T214036+0000

Record Last Update: 20260905T173627+0000

Ratings and Alerts

No rating or validation information has been found for TYAHA@MTT1 locus s.c. line #3.

No alerts have been found for TYAHA@MTT1 locus s.c. line #3.

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.