

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

TYA (@ GTU1 locus) #6

RRID:TSC_SD02193

Type: Organism

Proper Citation

RRID:TSC_SD02193

Organism Information

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

Proper Citation: RRID:TSC_SD02193

Description: Tetrahymena thermophila with name TYA (@ GTU1 locus) #6 from TSC.

Species: Tetrahymena thermophila

Notes: pT270Y272 rescued GTUKO 5x6 progeny having mutation T270A,Y272A in GTU1 in GTU1 locus. Cell line #5 can be crossed with cell line #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 mutation T270A, Y272A. Not sure if complete replacement.

Catalog Number: SD02193

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

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: TYA (@ GTU1 locus) #6

Record Creation Time: 20230308T214037+0000

Record Last Update: 20260905T173627+0000

Ratings and Alerts

No rating or validation information has been found for TYA (@ GTU1 locus) #6.

No alerts have been found for TYA (@ GTU1 locus) #6.

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.