

Resource Summary Report

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

cTTMGHA

RRID:TSC_SD01216

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD01216

Description: Tetrahymena thermophila with name cTTMGHA from TSC.

Species: Tetrahymena thermophila

Notes: Progeny of GTUKO5 x GTUKO6 mating, rescued by biolistic transformation with pTTMG-HA (GTU-HA fusion driven by MTT1 promoter at the MTT1 locus). **Needs 0.1? g/ml to 0.5 ?g/ml Cd to grow, depending on the growth medium.** Can cross with cTTMG-HA#15 or #14 From the Gorovsky lab, University of Rochester.

Affected Gene: GTU1 (TTHERM_00079520)

Genomic Alteration: Micronucleus: GTU1 gene replaced by neo2 cassette
Macronucleus: HA tagged GTU1 gene into the MTT1 coding region

Catalog Number: SD01216

Background: gtu1::neo2/gtu1::neo2;Chx1/Chx1; Mpr?/Mpr? (MTT1/GTU1[HA]; gtu1::neo2/gtu1::neo2; pm-r, BTU1 has(E431,435D), BTU2 is replaced by bsr1, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:12356864](#)

Organism Name: cTTMGHA

Record Creation Time: 20230308T214033+0000

Record Last Update: 20260905T173623+0000

Ratings and Alerts

No rating or validation information has been found for cTTMGHA.

No alerts have been found for cTTMGHA.

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.