

Resource Summary Report

Generated by [nidm-terms](#) on Jul 31, 2026

TTMG A7

RRID:TSC_SD01416

Type: Organism

Proper Citation

RRID:TSC_SD01416

Organism Information

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

Proper Citation: RRID:TSC_SD01416

Description: Tetrahymena thermophila with name TTMG A7 from TSC.

Species: Tetrahymena thermophila

Notes: In mac at GTU locus, GTU coding region is replaced by neo cassette. At metallothionein locus, two alleles a) MTT coding region, b) GTU coding region . Use the pTTMG construct (GTU coding driven by MTT promoter) to rescue GTU KO heterokaryon, is cadmium dependent. Use .25 to 1 ug/ml of CdCl₂ to grow. 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: GTU1 replaced by neo2 Macronucleus: GTU1 into MTT1 locus, partial replacement

Catalog Number: SD01416

Background: gtu1[Δ GTU::neo2]/gtu1[Δ GTU::neo2] (gtu1[Δ GTU::neo2]; MTT1/mtt1[Δ GTU::GTU1]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: TTMG A7

Record Creation Time: 20230308T214045+0000

Record Last Update: 20260725T231430+0000

Ratings and Alerts

No rating or validation information has been found for TTMG A7.

No alerts have been found for TTMG A7.

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.