

Resource Summary Report

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

TTMGG A1

RRID:TSC_SD01417

Type: Organism

Proper Citation

RRID:TSC_SD01417

Organism Information

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

Proper Citation: RRID:TSC_SD01417

Description: Tetrahymena thermophila with name TTMGG A1 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 with GFP tag . Use the pTTMGG construct (GTU coding, GFP tag driven by MTT promoter) to rescue GTU KO heterokaryon. Requires Cd to grow, Use .25 to 1 ug/ml. GFP not detected at protein level.

Affected Gene: GTU1 (TTHERM_00079520)

Genomic Alteration: Micronucleus: GTU1 replaced by neo2 Macronucleus: GTU1with c-terminal GFP tag into MTT1 locus, partial replacement

Catalog Number: SD01417

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

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: TTMGG A1

Record Creation Time: 20230308T214041+0000

Record Last Update: 20260829T230852+0000

Ratings and Alerts

No rating or validation information has been found for TTMGG A1.

No alerts have been found for TTMGG A1.

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.