

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 1, 2026

A447-1

RRID:TSC_SD01831

Type: Organism

Proper Citation

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Organism Information

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

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Description: Tetrahymena thermophila with name A447-1 from TSC.

Species: Tetrahymena thermophila

Notes: It is a progeny of conjugants of AAK02.7 X AAK05.5 transformed with pA447 derived from pTUB100E3-PvuII (linearized) where the ATU1 gene is marked with Hae III and Pvu II sites and E447A. From the Gorovsky lab, University of Rochester.

Affected Gene: ATU1 (TTHERM_00558620)

Genomic Alteration: Micronucleus: neo replaces ATU1 coding Macronucleus: ATU1 with E447A or neo replacing coding of some ATU1 genes

Catalog Number: SD01831

Background: atu1-1[Δ ATU1::neo1]/atu1-1[Δ ATU1::neo1]; mpr1-1/mpr1-1 or MPR1/MPR1 (atu1-1[Δ ATU1::neo1]/atu1[E447A]; pm-r, mp-?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:10831613](#), [PMID:9037049](#)

Organism Name: A447-1

Record Creation Time: 20230308T214034+0000

Record Last Update: 20260725T231414+0000

Ratings and Alerts

No rating or validation information has been found for A447-1.

No alerts have been found for A447-1.

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.