

# Resource Summary Report

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

## ATU5A-2

RRID:TSC\_SD02226

Type: Organism

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### Proper Citation

RRID:TSC\_SD02226

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### Organism Information

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

**Proper Citation:** RRID:TSC\_SD02226

**Description:** Tetrahymena thermophila with name ATU5A-2 from TSC.

**Species:** Tetrahymena thermophila

**Notes:** It is a progeny of conjugants of AAK02.7XAAKO5.5 transformed with pATU5A derived from pTUB100E3-PvuII (linearized) where the ATU1 gene is marked with Hae III and Pvu II sites and E441A, E443A, E445A, E446A, E447A. Slow growth, slow swimming, cytokinesis arrest. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

**Affected Gene:** ATU1 (TTHERM\_00558620)

**Genomic Alteration:** Micronucleus: neo replaces ATU1 coding Macronucleus: ATU1 with E441A, E443A, E445A, E446A, E447A or neo replacing coding of some ATU1 genes

**Catalog Number:** SD02226

**Background:** atu1-1[ $\tilde{\Delta}$ ":neo1]/atu1-1[ $\tilde{\Delta}$ ":neo1]; mpr1-1/mpr1-1 or MPR1/MPR1 (atu1-1[ $\tilde{\Delta}$ ":neo1]/atu1[E441A, E443A, E445A, E446A, E447A ]; pm-r, mp-?, ?)

**Database:** TSC, Tetrahymena Stock Center

**Database Abbreviation:** TSC

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

**Organism Name:** ATU5A-2

**Record Creation Time:** 20230308T214029+0000

**Record Last Update:** 20260725T231408+0000

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## Ratings and Alerts

No rating or validation information has been found for ATU5A-2.

No alerts have been found for ATU5A-2.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** TSC, Tetrahymena Stock Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.