

Resource Summary Report

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

ATU5D-2

RRID:TSC_SD02229

Type: Organism

Proper Citation

RRID:TSC_SD02229

Organism Information

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

Proper Citation: RRID:TSC_SD02229

Description: Tetrahymena thermophila with name ATU5D-2 from TSC.

Species: Tetrahymena thermophila

Notes: It is a progeny of conjugants of AAK02.7XAAKO5.5 transformed with pATU5D derived from pTUB100E3-PvuII (linearized) where the ATU1 gene is marked with Hae III and Pvu II sites and E441D, E443D, E445D, E446D, E447D. Slow growth. 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 E441D, E443D, E445D, E446D, E447D or neo replacing coding of some ATU1 genes

Catalog Number: SD02229

Background: $atu1-1[\check{\check{A}}\check{\check{A}}::neo1]/atu1-1[\check{\check{A}}\check{\check{A}}::neo1]$; $mpr1-1/mpr1-1$ or MPR1/MPR1 ($atu1-1[\check{\check{A}}\check{\check{A}}::neo1]/atu1[E441D, E443D, E445D, E446D, E447D]$; pm-r, mp-?, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: ATU5D-2

Record Creation Time: 20230308T214033+0000

Record Last Update: 20260725T231414+0000

Ratings and Alerts

No rating or validation information has been found for ATU5D-2.

No alerts have been found for ATU5D-2.

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.