

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 22, 2026

D5D6-1

RRID:TSC_SD02585

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD02585

Description: Tetrahymena thermophila with name D5D6-1 from TSC.

Species: Tetrahymena thermophila

Notes: It is a progeny of conjugants of AAK02.7XAAKO5.5 transformed with pD5D6 derived from pTUB100E3-PvuII (linearized) where the ATU1 gene is marked with Hae III and Pvu II sites and E445D, E446D. No polyglycylation in this strain. 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 E445D, E446D and neo replacing coding of some ATU1 genes

Catalog Number: SD02585

Background: atu1-1[$\tilde{\Delta}$::neo1]/atu1-1[$\tilde{\Delta}$::neo1]; mpr1-1/mpr1-1 or MPR1/MPR1 (atu1-1[$\tilde{\Delta}$::neo1]/atu1[E445D,E446D]; pm-r, mp-?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: D5D6-1

Record Creation Time: 20230308T214044+0000

Record Last Update: 20260815T231119+0000

Ratings and Alerts

No rating or validation information has been found for D5D6-1.

No alerts have been found for D5D6-1.

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.