

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

## D445-2

RRID:TSC\_SD02772

Type: Organism

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### Proper Citation

RRID:TSC\_SD02772

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### Organism Information

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

**Proper Citation:** RRID:TSC\_SD02772

**Description:** Tetrahymena thermophila with name D445-2 from TSC.

**Species:** Tetrahymena thermophila

**Notes:** It is a progeny of conjugants of AAK02.7 X AAK05.5 transformed with pD445 derived from pTUB100E3-PvuII (linearized) where the ATU1 gene is marked with Hae III and Pvu II sites and E445D. Partial replacement. 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, some have neo1 replacing coding

**Catalog Number:** SD02772

**Background:** atu1-1[ $\Delta$ ATU1::neo1]/atu1-1[ $\Delta$ ATU1::neo1]; mpr1-1/mpr1-1 or MPR1/MPR1 (atu1-1[ $\Delta$ ATU1::neo1]/atu1[E445D]; pm-r, mp-?)

**Database:** TSC, Tetrahymena Stock Center

**Database Abbreviation:** TSC

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

**Organism Name:** D445-2

**Record Creation Time:** 20230308T214034+0000

**Record Last Update:** 20260801T234430+0000

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## Ratings and Alerts

No rating or validation information has been found for D445-2.

No alerts have been found for D445-2.

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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.