

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## BTU1-E431,433,435 D

RRID:TSC\_SD01914

Type: Organism

### Proper Citation

RRID:TSC\_SD01914

### Organism Information

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

**Proper Citation:** RRID:TSC\_SD01914

**Description:** Tetrahymena thermophila with name BTU1-E431,433,435 D from TSC.

**Species:** Tetrahymena thermophila

**Notes:** Progeny of DB6B x DB2A, transformed by BTU1-1235D mutation construct (E431,433,435D). From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

**Affected Gene:** BTU1 (TTHERM\_00348510), BTU2 (TTHERM\_00836580)

**Genomic Alteration:** Micronucleus: knockout of btu1 with neo knockout of btu2 with bsr  
Macronucleus: BTU1 has only (E431, 433, 435D)) no WT BTU2 is KO

**Catalog Number:** SD01914

**Background:** btu1-?<sup>+</sup>[<sup>+</sup>neo1]/ btu1-?<sup>+</sup>[<sup>+</sup>neo1]; btu2-?<sup>+</sup>[<sup>+</sup>bsr1]/ btu2-?<sup>+</sup>[<sup>+</sup>bsr1]; CHX1/CHX1; mpr1-1/mpr1-1 or MPR1/MPR1 (btu2-?<sup>+</sup>[<sup>+</sup>bsr1]; btu1-?<sup>+</sup>[<sup>+</sup>neo1]/ btu1-? [E431D,E433D,E435D]; pm-r, ?)

**Database:** TSC, Tetrahymena Stock Center

**Database Abbreviation:** TSC

**Source References:** [PMID:10831613](#), [PMID:11864572](#)

**Organism Name:** BTU1-E431,433,435 D

**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 BTU1-E431,433,435 D.

No alerts have been found for BTU1-E431,433,435 D.

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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.