

Resource Summary Report

Generated by [kravitz2](#) on Aug 19, 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-?⁺[⁺neo1]/ btu1-?⁺[⁺neo1]; btu2-?⁺[⁺bsr1]/ btu2-?⁺[⁺bsr1]; CHX1/CHX1; mpr1-1/mpr1-1 or MPR1/MPR1 (btu2-?⁺[⁺bsr1]; btu1-?⁺[⁺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: 20260815T231055+0000

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.

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.