

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

BTU1-E435D

RRID:TSC_SD01844

Type: Organism

Proper Citation

RRID:TSC_SD01844

Organism Information

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

Proper Citation: RRID:TSC_SD01844

Description: Tetrahymena thermophila with name BTU1-E435D from TSC.

Species: Tetrahymena thermophila

Notes: Progeny of DB6B x DB2A, transformed by BTU1-1235D mutation construct (E435D) 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 (E435D) no WT, BTU2 is KO

Catalog Number: SD01844

Background: btu1-?[Δ btu1::neo1]/ btu1-?[Δ btu1::neo1]; btu2-?[Δ btu2::bsr1]/ btu2-?[Δ btu2::bsr1]; CHX1/CHX1; mpr1-1/mpr1-1 or MPR1/MPR1 (btu2-?[Δ btu2::bsr1]; btu1-?[Δ btu1::neo1]/ btu1-? [E435D]; pm-r, BTU1 has(E435D), BTU2 is replaced by bsr1)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: BTU1-E435D

Record Creation Time: 20230308T214029+0000

Record Last Update: 20260905T173617+0000

Ratings and Alerts

No rating or validation information has been found for BTU1-E435D.

No alerts have been found for BTU1-E435D.

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.