

Resource Summary Report

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1235D-1(BTU1)

RRID:TSC_SD02122

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD02122

Description: Tetrahymena thermophila with name 1235D-1(BTU1) from TSC.

Species: Tetrahymena thermophila

Notes: Progeny of DB6B x DB2A, transformed by BTU1-1235D mutation construct (E431,432,433,435D) From the Gorovsky lab, University of Rochester.

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, 432, 433, 435D) no WT

Catalog Number: SD02122

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-? [E431D,E432D,E433D,E435D]; pm-r)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:10831613](#)

Organism Name: 1235D-1(BTU1)

Record Creation Time: 20230308T214041+0000

Record Last Update: 20260905T173634+0000

Ratings and Alerts

No rating or validation information has been found for 1235D-1(BTU1).

No alerts have been found for 1235D-1(BTU1).

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.