

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

BTU2Δ^{h4}Δ^{neo}E2

RRID:TSC_SD01922

Type: Organism

Proper Citation

RRID:TSC_SD01922

Organism Information

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

Proper Citation: RRID:TSC_SD01922

Description: Tetrahymena thermophila with name BTU2Δ^{h4}Δ^{neo}E2 from TSC.

Species: Tetrahymena thermophila

Notes: Complete disruption of BTU2 by an H4-neo cassette. CU428xB2086 electroporation transformation with histone H4 promoter sequence then neo coding to replace the BTU2 coding region. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: BTU2 (TTHERM_00836580)

Genomic Alteration: Macronucleus: histone H4 promoter sequence then neo coding to replace the BTU2 coding region.

Catalog Number: SD01922

Background: MPR1/mpr1-1 (btu1[Δ^{h4}Δ^{neo}], H4-neo]; pm-r, IV)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: BTU2Δ^{h4}Δ^{neo}E2

Record Creation Time: 20230308T214029+0000

Record Last Update: 20260725T231407+0000

Ratings and Alerts

No rating or validation information has been found for BTU2.

No alerts have been found for BTU2.

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.