

Resource Summary Report

Generated by dkNET on Sep 7, 2026

B1KO-4

RRID:TSC_SD02753

Type: Organism

Proper Citation

RRID:TSC SD02753

Organism Information

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

Proper Citation: RRID:TSC SD02753

Description: Tetrahymena thermophila with name B1KO-4 from TSC.

Species: *Tetrahymena thermophila*

Notes: Heterozygous germline transformant of BTUI knockout. Derived from Cu428 X B2086 transformed w/ BHAB-1(construct). When crossed to CU427, gave cyr and pmr progeny. Can mate to BIKO-2. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: BTU1 (TTHERM_00348510)

Genomic Alteration: Micronucleus: H4-neo replaces coding of BTU1, heterozygous

Catalog Number: SD02753

Background: BTU1/btu1[Δ]; H4-neo; MPR1-1/mpr1-1

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:9037049](#), [PMID:10831613](#)

Organism Name: B1KO-4

Record Creation Time: 20230308T214043+0000

Record Last Update: 20260905T173636+0000

Ratings and Alerts

No rating or validation information has been found for B1KO-4.

No alerts have been found for B1KO-4.

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.