

Resource Summary Report

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

B2KO-5

RRID:TSC_SD01909

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD01909

Description: Tetrahymena thermophila with name B2KO-5 from TSC.

Species: Tetrahymena thermophila

Notes: Heterozygous germline transformant of BTU2 knockout. Derived from Cu428 X B2086 transformed w/ BHAB-2 (construct). When crossed to CU427, gave cyr and pmr progeny. Can mate to B2KO-6. Created 12/29/97, in soybean until 4/98. B2KO-6 mates with B2KO-1,2,3,4,5,7,8. No others mated. 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: Micronucleus: H4-neo replaces BTU2 coding Macronucleus: H4-neo replaces BTU2 coding

Catalog Number: SD01909

Background: BTU2/btu2[Δ ^H4-neo]; MPR1-1/mpr1-1 (BTU2/btu1[Δ ^H4-neo]; MPR1-1/mpr1-1; mp-r, pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:10831613](#)

Organism Name: B2KO-5

Record Creation Time: 20230308T214034+0000

Record Last Update: 20260725T231414+0000

Ratings and Alerts

No rating or validation information has been found for B2KO-5.

No alerts have been found for B2KO-5.

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.