

Resource Summary Report

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

SB1969

RRID:TSC_SD00701

Type: Organism

Proper Citation

RRID:TSC_SD00701

Organism Information

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

Proper Citation: RRID:TSC_SD00701

Description: Tetrahymena thermophila with name SB1969 from TSC.

Species: Tetrahymena thermophila

Notes: Cycloheximide resistance functional heterokaryon.

Catalog Number: SD00701

Background: chx1-1/chx1-1 (CHX1; cy-s, II)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: SB1969

Record Creation Time: 20230308T214034+0000

Record Last Update: 20260725T231414+0000

Ratings and Alerts

No rating or validation information has been found for SB1969.

No alerts have been found for SB1969.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Ortega R, et al. (2025) Tetrahymena thermophila glutathione-S-transferase superfamily: an eco-paralogs gene network differentially responding to various environmental abiotic stressors and an update on this gene family in ciliates. *Frontiers in genetics*, 16, 1538168.

Cai B, et al. (2025) Structure and assembly of the A-C linker connecting microtubule triplets in centrioles. *Science advances*, 11(41), eady3689.

Alonso P, et al. (2024) Cellular Response of Adapted and Non-Adapted Tetrahymena thermophila Strains to Europium Eu(III) Compounds. *Biology*, 13(5).

Ruehle MD, et al. (2024) Poc1 bridges basal body inner junctions to promote triplet microtubule integrity and connections. *The Journal of cell biology*, 223(8).

Pinello JF, et al. (2024) Novel requirements for HAP2/GCS1-mediated gamete fusion in Tetrahymena. *iScience*, 27(6), 110146.

Ruehle MD, et al. (2023) Poc1 is a basal body inner junction protein that promotes triplet microtubule integrity and interconnections. *bioRxiv : the preprint server for biology*.

Cole ES, et al. (2023) The Tetrahymena bcd1 mutant implicates endosome trafficking in ciliate, cortical pattern formation. *Molecular biology of the cell*, 34(8), ar82.

Junker AD, et al. (2019) Microtubule glycylation promotes attachment of basal bodies to the cell cortex. *Journal of cell science*, 132(15).

Hamilton EP, et al. (2016) Structure of the germline genome of Tetrahymena thermophila and relationship to the massively rearranged somatic genome. *eLife*, 5.

Cervantes MD, et al. (2013) Selecting one of several mating types through gene segment joining and deletion in Tetrahymena thermophila. *PLoS biology*, 11(3), e1001518.