

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 24, 2026

## htb1-T(19,20)A-B3a

RRID:TSC\_SD02100

Type: Organism

### Proper Citation

RRID:TSC\_SD02100

### Organism Information

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

**Proper Citation:** RRID:TSC\_SD02100

**Description:** Tetrahymena thermophila with name htb1-T(19,20)A-B3a from TSC.

**Species:** Tetrahymena thermophila

**Notes:**  $\Delta\phi\Delta^+\Delta\phi\Delta^+\Delta$ HTB knockout heterokaryons rescued by htb1-T(19/20)A. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

**Affected Gene:** HTB1 (TTHERM\_00633360), HTB2 (TTHERM\_00283180)

**Genomic Alteration:** Micronucleus: neo2 KO of HTB1 and HTB2 coding Macronucleus: Mutated HTB1 with T19A, T20A

**Catalog Number:** SD02100

**Background:** htb1[ $\Delta\phi\Delta^+\Delta\phi\Delta^+\Delta$ neo2]/htb1[ $\Delta\phi\Delta^+\Delta\phi\Delta^+\Delta$ neo2]; htb2 [ $\Delta\phi\Delta^+\Delta\phi\Delta^+\Delta$ neo2]/htb2 [ $\Delta\phi\Delta^+\Delta\phi\Delta^+\Delta$ neo2] (htb1[ $\Delta\phi\Delta^+\Delta\phi\Delta^+\Delta$ neo2]/htb1[T19A,T20A] ; htb2 [ $\Delta\phi\Delta^+\Delta\phi\Delta^+\Delta$ neo2]; pm-r, ?)

**Database:** TSC, Tetrahymena Stock Center

**Database Abbreviation:** TSC

**Source References:** [PMID:19822522](#)

**Organism Name:** htb1-T(19,20)A-B3a

**Record Creation Time:** 20230308T214044+0000

**Record Last Update:** 20260815T231118+0000

### Ratings and Alerts

No rating or validation information has been found for htb1-T(19,20)A-B3a.

No alerts have been found for htb1-T(19,20)A-B3a.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** TSC, Tetrahymena Stock Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.