

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[htb1-T\(19,20\)A-B3a](#)

RRID:TSC_SD02100

Type: Organism

Proper Citation

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Organism Information

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

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

Species: Tetrahymena thermophila

Notes: $\Delta\phi\Delta^+\Delta$ 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[$\Delta\phi\Delta^+\Delta$::neo2]/htb1[$\Delta\phi\Delta^+\Delta$::neo2]; htb2 [$\Delta\phi\Delta^+\Delta$::neo2]/htb2 [$\Delta\phi\Delta^+\Delta$::neo2] (htb1[$\Delta\phi\Delta^+\Delta$::neo2]/htb1[T19A,T20A] ; htb2 [$\Delta\phi\Delta^+\Delta$::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: 20260808T234146+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.

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.