

Resource Summary Report

Generated by dkNET on Sep 4, 2026

htb1-K4Q-B8b

RRID:TSC_SD02091

Type: Organism

Proper Citation

RRID:TSC SD02091

Organism Information

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

Proper Citation: RRID:TSC SD02091

Description: Tetrahymena thermophila with name htb1-K4Q-B8b from TSC.

Species: *Tetrahymena thermophila*

Notes: Δ⁺Δ⁺HTB knockout heterokaryons rescued by htb1-K4Q. 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 K4Q

Catalog Number: SD02091

Background: htb1[ÃĈÂˆÂ†::neo2]/htb1[ÃĈÂˆÂ†::neo2]; htb2 [ÃĈÂˆÂ†::neo2]/htb2 [ÃĈÂˆÂ†::neo2] (htb1[ÃĈÂˆÂ†::neo2]/htb1[K4Q] ; htb2 [ÃĈÂˆÂ†::neo2]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:19822522](#)

Organism Name: htb1-K4Q-B8b

Record Creation Time: 20230308T214042+0000

Record Last Update: 20260829T230853+0000

Ratings and Alerts

No rating or validation information has been found for htb1-K4Q-B8b.

No alerts have been found for htb1-K4Q-B8b.

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.