

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 2, 2026

HTA3-T21H1

RRID:TSC_SD02073

Type: Organism

Proper Citation

RRID:TSC_SD02073

Organism Information

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

Proper Citation: RRID:TSC_SD02073

Description: Tetrahymena thermophila with name HTA3-T21H1 from TSC.

Species: Tetrahymena thermophila

Notes: G304A1xG311A1 Δ HTA3 knockout heterokaryon. Rescued with HTAZ mutated QQQQQR. Slow growth. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HTA3 (TTHERM_00143660)

Genomic Alteration: Micronucleus: Neo2 in HTAZ Macronucleus: HTAZ coding replaced with mutations K4Q, K7Q, K10Q, K13Q, K16Q, K21R

Catalog Number: SD02073

Background: htaz[Δ HTA3::neo2]/htaz[Δ HTA3::neo2]; mpr1-1/MPR1-1?
(htaz[Δ HTA3::neo2]/htaz[K4Q,K7Q,K10Q,K13Q,K16Q,K21R]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:11430834](#), [PMID:12665578](#)

Organism Name: HTA3-T21H1

Record Creation Time: 20230308T214044+0000

Record Last Update: 20260829T230857+0000

Ratings and Alerts

No rating or validation information has been found for HTA3-T21H1.

No alerts have been found for HTA3-T21H1.

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.