

Resource Summary Report

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

HTA3-T42F1

RRID:TSC_SD02458

Type: Organism

Proper Citation

RRID:TSC_SD02458

Organism Information

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

Proper Citation: RRID:TSC_SD02458

Description: Tetrahymena thermophila with name HTA3-T42F1 from TSC.

Species: Tetrahymena thermophila

Notes: G304A1xG311A1 Δ HTA3 knockout heterokaryon. Rescued with HTAZ mutated K130R. no ubiquitination of H2AF/Z. Can mate with T42E1 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 mutation K130R

Catalog Number: SD02458

Background: htaz[Δ HTA3::neo2]/htaz[Δ HTA3::neo2]; mpr1-1/MPR1-1?
(htaz[Δ HTA3::neo2]/htaz[K130R]; pm-r)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: HTA3-T42F1

Record Creation Time: 20230308T214029+0000

Record Last Update: 20260725T231407+0000

Ratings and Alerts

No rating or validation information has been found for HTA3-T42F1.

No alerts have been found for HTA3-T42F1.

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.