

Resource Summary Report

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

XS 48 (4) [(HTA1 S1P+5R+4A+3R) 4]

RRID:TSC_SD02199

Type: Organism

Proper Citation

RRID:TSC_SD02199

Organism Information

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

Proper Citation: RRID:TSC_SD02199

Description: Tetrahymena thermophila with name XS 48 (4) [(HTA1 S1P+5R+4A+3R) 4] from TSC.

Species: Tetrahymena thermophila

Notes: HTAX S1P+5R+4A+3R mutation somatic rescue strain of HTA1, HTA2 double knockout From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HTA1 (TTHERM_00790790), HTA2 (TTHERM_00316500)

Genomic Alteration: Micronucleus: HTAX and HTA1 KO with neo Macronucleus: Rescue with mutated HTAX with S1P, , K5R, K8R, K10R, K12R, K17R, S122A, k123R, S124A, K125R, K126R, T127A, S129A

Catalog Number: SD02199

Background: htax[$\tilde{\Phi}\hat{A}^{\hat{A}\dagger}::neo2$]/htax[$\tilde{\Phi}\hat{A}^{\hat{A}\dagger}::neo2$]; hta1[$\tilde{\Phi}\hat{A}^{\hat{A}\dagger}::neo2$]/hta1[$\tilde{\Phi}\hat{A}^{\hat{A}\dagger}::neo2$] (hta1[$\tilde{\Phi}\hat{A}^{\hat{A}\dagger}::neo2$], htax[$\tilde{\Phi}\hat{A}^{\hat{A}\dagger}::neo2$]/htax [S1P,,K5R,K8R,K10R, K12R,K17R, S122A, k123R, S124A, K125R, K126R, T127A, S129A]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:17242195](#)

Organism Name: XS 48 (4) [(HTA1 S1P+5R+4A+3R) 4]

Record Creation Time: 20230308T214034+0000

Record Last Update: 20260725T231414+0000

Ratings and Alerts

No rating or validation information has been found for XS 48 (4) [(HTA1 S1P+5R+4A+3R) 4].

No alerts have been found for XS 48 (4) [(HTA1 S1P+5R+4A+3R) 4].

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.