

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

XS87-5

RRID:TSC_SD02881

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD02881

Description: Tetrahymena thermophila with name XS87-5 from TSC.

Species: Tetrahymena thermophila

Notes: Somatic transformation of CU428xB2086 with pXS87. (MTT-neo2-2HA-HTAHTAY codes for histone variant protein H2A.Y into MTT1 locus, Incomplete replacement. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HTAY (TTHERM_01079200)

Genomic Alteration: Macronucleus: Partial replacement of MTT1 coding by N-terminus of HTAY, aa 1-122, with neo2 in 5'UTR flank of MTT1

Catalog Number: SD02881

Background: (MTT1/mtt1[5neo2, ΔHTAY1-122]); pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: XS87-5

Record Creation Time: 20230308T214031+0000

Record Last Update: 20260725T231410+0000

Ratings and Alerts

No rating or validation information has been found for XS87-5.

No alerts have been found for XS87-5.

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.