

Resource Summary Report

Generated by T1D on Sep 6, 2026

MTT-HA-PP50 #5

RRID:TSC_SD02820

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD02820

Description: Tetrahymena thermophila with name MTT-HA-PP50 #5 from TSC.

Species: Tetrahymena thermophila

Notes: Used Xiayuan Song's pXS 75 construct: neo 2 in 5 flank of MTT1 gene. 2 HA tags right after ATG. then PP50 coding sequence. PP50 is Ttherm. 00865300 into Ttherm 00865290 sequence. Need 100ug/ml pm in medium to keep the tagged gene present. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: PPO1 (TTHERM_00865290, TTHERM_00865300)

Genomic Alteration: Macronucleus: PPO1 gene with 2 HA tags at n-terminus partially replace MTT1 coding, also neo2 in 5' flanking region of MTT1.

Catalog Number: SD02820

Background: mpr1-1/mpr1-1 (MTT1/mtt1-?[5' neo2, HA^HA†, HAHAn(::PPO1)]; pm-r, VII)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:22426537](https://pubmed.ncbi.nlm.nih.gov/22426537/)

Organism Name: MTT-HA-PP50 #5

Record Creation Time: 20230308T214029+0000

Record Last Update: 20260905T173617+0000

Ratings and Alerts

No rating or validation information has been found for MTT-HA-PP50 #5.

No alerts have been found for MTT-HA-PP50 #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.