

Resource Summary Report

Generated by [kravitz2](#) on Aug 24, 2026

E5+GFP

RRID:TSC_SD02301

Type: Organism

Proper Citation

RRID:TSC_SD02301

Organism Information

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

Proper Citation: RRID:TSC_SD02301

Description: Tetrahymena thermophila with name E5+GFP from TSC.

Species: Tetrahymena thermophila

Notes: Complete somatic tranformant of CU428 cells with pHHOE5-GFP /neo construct. Phosphorylation sites 1- 5 of H1 changed to glutamic acid, neo cassette in 3' UTR flanking region for selection. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HHO1 (TTHERM_00823720)

Genomic Alteration: Macronucleus: Change Threonine 35, 47, 54 and serine 43, 45 to glutamic acid

Catalog Number: SD02301

Background: mpr1-1/mpr1-1 (hho1[3' UTR neo2, T35E, S43E, S45E, T47E, T54E, GFPc]; pm-r, VII)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:10549296](#), [PMID:10983971](#), [PMID:12356861](#)

Organism Name: E5+GFP

Record Creation Time: 20230308T214030+0000

Record Last Update: 20260815T231057+0000

Ratings and Alerts

No rating or validation information has been found for E5+GFP.

No alerts have been found for E5+GFP.

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.