

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 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:** 20260725T231409+0000

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## Ratings and Alerts

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

No alerts have been found for E5+GFP.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** TSC, Tetrahymena Stock Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.