

Resource Summary Report

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

Q5A5-GFP

RRID:TSC_SD02505

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD02505

Description: Tetrahymena thermophila with name Q5A5-GFP from TSC.

Species: Tetrahymena thermophila

Notes: Complete somatic transformant of CU428 cells with pQ5A5 /neo construct. Phosphorylation sites 1- 5 of H1 changed to alanines and 5 other sites changed to glutamines, c-terminal GFP, neo 2 cassette in 3' UTR flanking region for selection. See paper. 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 alanine (charge patch) and 5 other sites to glutamine, c-terminal GFP.

Catalog Number: SD02505

Background: mpr1-1/mpr1-1 (hho1[3' UTR^{neo2}, (T35A,S43A,S45A,T47A, T54A, K33Q,K38Q,K40Q,K50Q,K51Q), GFPc]; pm-r, VII)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:10983971](#), [PMID:11972045](#)

Organism Name: Q5A5-GFP

Record Creation Time: 20230308T214031+0000

Record Last Update: 20260725T231410+0000

Ratings and Alerts

No rating or validation information has been found for Q5A5-GFP.

No alerts have been found for Q5A5-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.