

Resource Summary Report

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K5E5-2

RRID:TSC_SD02476

Type: Organism

Proper Citation

RRID:TSC_SD02476

Organism Information

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

Proper Citation: RRID:TSC_SD02476

Description: Tetrahymena thermophila with name K5E5-2 from TSC.

Species: Tetrahymena thermophila

Notes: Complete somatic transformant of CU428 cells with pHHO5K /neo construct. Phosphorylation sites 1- 5 of H1 changed to glutamic acid and 5 other sites changed to lysines, 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 glutamic acid (charge patch) and T60K, I64K, H65K, T67K, T69K

Catalog Number: SD02476

Background: mpr1-1/mpr1-1 (hho1[3' UTR^{neo2}, T35E, S43E, S45E, T47E, T54E, T60K,I64K, H65K,T67K,T69K]; pm-r, VII)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: K5E5-2

Record Creation Time: 20230308T214033+0000

Record Last Update: 20260725T231413+0000

Ratings and Alerts

No rating or validation information has been found for K5E5-2.

No alerts have been found for K5E5-2.

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.