

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

K286EHA#7

RRID:TSC_SD02474

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD02474

Description: Tetrahymena thermophila with name K286EHA#7 from TSC.

Species: Tetrahymena thermophila

Notes: pK268EHA rescued GTUKO 5x6 progeny having mutation @ K268E in GTU1-1 gene, also one HA tag@c-terminus; driven by MTT1 promoter. Needs Cd to induce. Not single celled yet. They were ~2 weeks old. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: GTU1 (TTHERM_00079520)

Genomic Alteration: Micronucleus: Neo2 into GTU1 locus
Macronucleus: GTU1 with mutation K286E and HA tag at c-terminus into the MTT1 locus, partial replacement.

Catalog Number: SD02474

Background: gtu1[Δ ¢ $\hat{A}$ $\hat{+}$::neo2]/ gtu1[Δ ¢ $\hat{A}$ $\hat{+}$::neo2] (gtu1[Δ ¢ $\hat{A}$ $\hat{+}$::neo2]; MTT1/mtt1[Δ ¢ $\hat{A}$ $\hat{+}$, (::GTU1, K286E), HAc]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:12356864](#), [PMID:16344310](#)

Organism Name: K286EHA#7

Record Creation Time: 20230308T214029+0000

Record Last Update: 20260905T173617+0000

Ratings and Alerts

No rating or validation information has been found for K286EHA#7.

No alerts have been found for K286EHA#7.

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.