

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

RK285/DDHA #3

RRID:TSC_SD02516

Type: Organism

Proper Citation

RRID:TSC_SD02516

Organism Information

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

Proper Citation: RRID:TSC_SD02516

Description: Tetrahymena thermophila with name RK285/DDHA #3 from TSC.

Species: Tetrahymena thermophila

Notes: rescued GTUKO 5x6 progeny having mutation R285D,K286D 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 R285D, K286D and HA tag at c-terminus into the MTT1 locus, partial replacement.

Catalog Number: SD02516

Background: gtu1[Δ g Δ g Δ ::neo2]/gtu1[Δ g Δ g Δ ::neo2] (gtu1[Δ g Δ g Δ ::neo2]; MTT1/mtt1[Δ g Δ g Δ , (::GTU1, R285D,K286D), HAc]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: RK285/DDHA #3

Record Creation Time: 20230308T214041+0000

Record Last Update: 20260905T173634+0000

Ratings and Alerts

No rating or validation information has been found for RK285/DDHA #3.

No alerts have been found for RK285/DDHA #3.

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.