

Resource Summary Report

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

H3.2 K27R

RRID:TSC_SD02310

Type: Organism

Proper Citation

RRID:TSC_SD02310

Organism Information

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

Proper Citation: RRID:TSC_SD02310

Description: Tetrahymena thermophila with name H3.2 K27R from TSC.

Species: Tetrahymena thermophila

Notes: Germline heteokaryon Major H3 and H4 KO strains were mated and rescued with wt HHF2 gene/HHT2 gene with K27R mutation. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HHT + HHF (TTHERM_00570560, TTHERM_00189180, TTHERM_00189170)

Genomic Alteration: Micronucleus: Neo KO of all major HHT genes and HHF genes
Macronucleus: WT HHF2 and mutated HHT2 with K27R

Catalog Number: SD02310

Background: hhf1[Δ neo1]/hhf1[Δ neo1];
hht1[Δ neo2]/hht1[Δ neo2];
hhf2,hht2[Δ neo2]/hhf2,hht2[Δ neo2] (hht1[Δ neo2];
hht1[Δ neo2]; HHF2; hht2[K27R]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:15701804](#)

Organism Name: H3.2 K27R

Record Creation Time: 20230308T214037+0000

Record Last Update: 20260905T173629+0000

Ratings and Alerts

No rating or validation information has been found for H3.2 K27R.

No alerts have been found for H3.2 K27R.

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.