

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 23, 2026

[hy3G](#)

RRID:TSC_SD02692

Type: Organism

Proper Citation

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Organism Information

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

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Description: Tetrahymena thermophila with name hy3G from TSC.

Species: Tetrahymena thermophila

Notes: Germline heteokaryon Major H3 and H4 genes knocked out with neo cassette. It GFP tagged H3 chimera protein hy3, H3(1-75) H3.3(76-90), H3(91-135) rescue the progeny of major H3 H4 KO heterokaryons. can be mated with B2086. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HHF1 (TTHERM_00498190), HHF2 (TTHERM_00189170), HHT1 (TTHERM_00570560), HHT2(TTHERM_00189180)

Genomic Alteration: Micronucleus: Neo KO of all major HHT genes and HHF genes
Macronucleus: GFP tagged chimeric H3

Catalog Number: SD02692

Background: hhf1[Δ hht1::neo1]/hhf1[Δ hht1::neo1];
hht1[Δ hhf1::neo2]/hht1[Δ hhf1::neo2];
hhf2,hht2[Δ hhf1::neo2]/hhf2,hht2[Δ hhf1::neo2]; (Chimeric H3 chimera protein hy3,
H3(1-75) H3.3(76-90), H3(91-135); pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:16908532](#)

Organism Name: hy3G

Record Creation Time: 20230308T214045+0000

Record Last Update: 20260815T231119+0000

Ratings and Alerts

No rating or validation information has been found for hy3G.

No alerts have been found for hy3G.

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.