

Resource Summary Report

Generated by SPARC SAWG on Aug 2, 2026

DRH1gÃ¢Â†Ã¢Â† D3-11F

RRID:TSC_SD02599

Type: Organism

Proper Citation

RRID:TSC_SD02599

Organism Information

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

Proper Citation: RRID:TSC_SD02599

Description: Tetrahymena thermophila with name DRH1gÃ¢Â†Ã¢Â† D3-11F from TSC.

Species: Tetrahymena thermophila

Notes: Homozygous homokaryon KO of DRH1 with neo4 cassette. Mates with DRH1gÃ¢Â†Ã¢Â† C10-11F Gene is Dicer Related Helicase, sequence is from TGD 69.m00174. Mating cells stop at mic selection after Meiosis II Gene is expressed at low level in starve and log, peak expression at 4 hr of conjugation. Somatic KO is complete, when mated they arrest after Meiosis II. Homozygous homokaryon KOs do not grow well. Needs Cd for pm resistance. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: DRH1 (TTHERM_00190830)

Genomic Alteration: Micronucleus: neo4 at 5Ã¢Â€Â™end of coding, some coding remains
Macronucleus: neo4 at 5Ã¢Â€Â™ end of coding, some coding remains

Catalog Number: SD02599

Background: drh1[Ã¢Â†?::neo4]/drh1[Ã¢Â†?::neo4]
(drh1[Ã¢Â†?::neo4]/drh1[Ã¢Â†?::neo4]; pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: DRH1gÃ¢Â†Ã¢Â† D3-11F

Record Creation Time: 20230308T214033+0000

Record Last Update: 20260801T234429+0000

Ratings and Alerts

No rating or validation information has been found for DRH1gÃ¢Â†Ã¢Â† D3-11F.

No alerts have been found for DRH1gÃ¢Â†Ã¢Â† D3-11F.

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.