

Resource Summary Report

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gDRH1-KO4 A5-5A

RRID:TSC_SD02139

Type: Organism

Proper Citation

RRID:TSC_SD02139

Organism Information

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

Proper Citation: RRID:TSC_SD02139

Description: Tetrahymena thermophila with name gDRH1-KO4 A5-5A from TSC.

Species: Tetrahymena thermophila

Notes: Neo4 KO cassette in DRH1 locus, homozygous KO in mic, mac assorted to pm-s. Two cell lines in row. Mate with D3, H7, and C10 cell lines. Homozygous heterokaryon. 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. 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 into 5'UTR end of coding of DRH1

Catalog Number: SD02139

Background: drh1[Δneo4]/drh1[Δneo4]

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: gDRH1-KO4 A5-5A

Record Creation Time: 20230308T214033+0000

Record Last Update: 20260801T234429+0000

Ratings and Alerts

No rating or validation information has been found for gDRH1-KO4 A5-5A.

No alerts have been found for gDRH1-KO4 A5-5A.

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.