

Resource Summary Report

Generated by SPARC SAWG on Aug 1, 2026

R-Tcd2-B2086

RRID:TSC_SD02506

Type: Organism

Proper Citation

RRID:TSC_SD02506

Organism Information

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

Proper Citation: RRID:TSC_SD02506

Description: Tetrahymena thermophila with name R-Tcd2-B2086 from TSC.

Species: Tetrahymena thermophila

Notes: Using Complete somatic Neo4 knockout Tcd2 strains. Tcd2 gene was reintroduced with blasticidin cassette (H4-BSR-B) upstream. H3K27 methylation was recovered. Bsr/Bsr, Tcd2/Tcd2, Neo4/Neo4 This is what Wei wrote, not sure if the replacement was complete or if both resistance are still present. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: HPL7 (TTHERM_00551070)

Genomic Alteration: Macronucleus: TCD2 was knocked out with neo4, then the wt TCD2 gene with a bsr1cassette upstream was somatically reintroduced into the cell

Catalog Number: SD02506

Background: (tcd2[Δ neo4]/TCD2[5'BSRTMbsr1]; Mix of pm-r and bs-r, II)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: R-Tcd2-B2086

Record Creation Time: 20230308T214033+0000

Record Last Update: 20260725T231414+0000

Ratings and Alerts

No rating or validation information has been found for R-Tcd2-B2086.

No alerts have been found for R-Tcd2-B2086.

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.