

Resource Summary Report

Generated by SPARC SAWG on Sep 2, 2026

VI011

RRID:TSC_SD01782

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD01782

Description: Tetrahymena thermophila with name VI011 from TSC.

Species: Tetrahymena thermophila

Notes: The knockout has been confirmed by 6-methylpurine and paromomycin resistance, but neither micronuclear nor macronuclear allele homozygosity has been verified. The neo4-KanR2 knockout cassette was generated by cloning fragments of the pNeo4 plasmid's neo4 cassette and the pUC4K plasmid's KanR2 cassette. The KanR2 gene was used for E. coli transformation and is not a selectable marker in Tetrahymena. Submitted by Robert Coyne, J. Craig Venter Institute

Affected Gene: GCP3 (TTHERM_00112620)

Genomic Alteration: Micronucleus: GCP3 gene partially replaced by neo4-KanR2 cassette.

Catalog Number: SD01782

Background: MPR1/mpr1-1; GCP3/gcp3-1[Δ 10-1201(::neo4, KanR2)] (MPR1/mpr1-1; GCP3/gcp3-1[Δ 10-1201(::neo4, KanR2)]; mp-r, pm-r, ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: VI011

Record Creation Time: 20230308T214045+0000

Record Last Update: 20260829T230858+0000

Ratings and Alerts

No rating or validation information has been found for VI011.

No alerts have been found for VI011.

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.