

Resource Summary Report

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VI006

RRID:TSC_SD01741

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD01741

Description: Tetrahymena thermophila with name VI006 from TSC.

Species: Tetrahymena thermophila

Notes: The knockout also deletes 213bp of the 5' flanking region and introduces a frameshift mutation. The knockout has been confirmed by paromomycin resistance, but macronuclear allele homozygosity has not 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: ADA2 (TTHERM_00790730)

Genomic Alteration: Micronucleus: PAR1 gene partially replaced by neo4-KanR2 cassette. Macronucleus: ADA2 gene partially replaced by neo4-KanR2 cassette.

Catalog Number: SD01741

Background: mpr1-1/mpr1-1 (MPR1; ADA2/ada2-1[$\tilde{\text{A}}\tilde{\text{Z}}\hat{\text{A}}$]₁₋₅₃₇(::neo4, KanR2)]; pm-r, VII)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: VI006

Record Creation Time: 20230308T214029+0000

Record Last Update: 20260725T231408+0000

Ratings and Alerts

No rating or validation information has been found for VI006.

No alerts have been found for VI006.

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.