

Resource Summary Report

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AAA2D9

RRID:TSC_SD01834

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD01834

Description: Tetrahymena thermophila with name AAA2D9 from TSC.

Species: Tetrahymena thermophila

Notes: Progeny of DB6B x DB2A, co- transformed by constructs BTU1-D9 with (E431-442D) and construct of chimeric ATU1 gene, AAA2 duplicate ATU C-tail). See publications From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: BTU1 (TTHERM_00348510), BTU2 (TTHERM_00836580), ATU1 (TTHERM_00558620)

Genomic Alteration: Micronucleus: knockout of btu1 with neo knockout of btu2 with bsr
Macronucleus: BTU2 replaced by bsr. BTU1 partially replaced by neo1, some replaced by BTU1-D9 with (E431-442D). Some ATU1 replaced by ATU1 with duplicate C-tail

Catalog Number: SD01834

Background: btu1-?[Ä¢Ä^Ä†::neo1]/ btu1-?[Ä¢Ä^Ä†::neo1]; btu2-?[Ä¢Ä^Ä†::bsr1]/ btu2-?[Ä¢Ä^Ä†::bsr1]; CHX1/CHX1; mpr1-1/mpr1-1 or MPR1/MPR1 (btu2-?[Ä¢Ä^Ä†::bsr1]; btu1-?[Ä¢Ä^Ä†::neo1]/ btu1-?[E431D,E432D,E433D,E435D,E437D,E438D,E439D,E440D,E442D]; ATU1/atu1-1[duplicate ATU1 tail--AAA2]; pm-r, Original BTU2 is replaced by bsr1, BTU1 coding replaced by neo1, then transformed with BTU1 with (E431-442D) and Chimeric ATU1 gene, AAA2 (duplicate ATU C-tail))

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Source References: [PMID:11864572](#), [PMID:10831613](#), [PMID:15254268](#)

Organism Name: AAA2D9

Record Creation Time: 20230308T214032+0000

Record Last Update: 20260725T231412+0000

Ratings and Alerts

No rating or validation information has been found for AAA2D9.

No alerts have been found for AAA2D9.

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.