

Resource Summary Report

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AAB2D9-1

RRID:TSC_SD02021

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD02021

Description: Tetrahymena thermophila with name AAB2D9-1 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, AAB2 (A α -A β hybrid) 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 chimeric A α -A β hybrid tail.

Catalog Number: SD02021

Background: btu1-?[A α -A β ::neo1]/ btu1-?[A α -A β ::neo1]; btu2-?[A α -A β ::bsr1]/ btu2-?[A α -A β ::bsr1]; CHX1/CHX1; mpr1-1/mpr1-1 or MPR1/MPR1 (btu2-?[A α -A β ::bsr1]; btu1-?[A α -A β ::neo1]/ btu1-?[E431D,E432D,E433D,E435D,E437D,E438D,E439D,E440D,E442D]; ATU1/atu1-1[A α -A β hybrid tail, AAB2]; pm-r, Original BTU2 is replaced by bsr1, BTU1 coding replaced by neo1, then transformed with BTU1 with (E431-442D) and Chimeric ATU1 gene, AAB2 (A α -A β hybrid), ?)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

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

Organism Name: AAB2D9-1

Record Creation Time: 20230308T214033+0000

Record Last Update: 20260725T231413+0000

Ratings and Alerts

No rating or validation information has been found for AAB2D9-1.

No alerts have been found for AAB2D9-1.

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.