

Resource Summary Report

Generated by SPARC SAWG on Sep 4, 2026

BLT-HA #27

RRID:TSC_SD02562

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:TSC_SD02562

Description: Tetrahymena thermophila with name BLT-HA #27 from TSC.

Species: Tetrahymena thermophila

Notes: CU428 somatic replacement with BLT-HA tag in the MTT1 locus, has Neo2 in 5' UTR flanking region of MTT1. Wild type BLT1 gene still present. This is a partial replacement. Cannot single-cell, only some cells express the HA tagged BLT when induced with Cd. From the Gorovsky lab, University of Rochester. This strain has been cataloged by the Stock Center but not thawed.

Affected Gene: BLT1 (TTHERM_01104960)

Genomic Alteration: Macronucleus: BLT1 with c-terminal HA replaces MTT1 coding with neo2 upstream in Mtt1 5' UTR flanking region

Catalog Number: SD02562

Background: mpr1-1/mpr1-1 (mtt1-?[5' UTR neo2, 5' UTR::BLT1, HAc], VII)

Database: TSC, Tetrahymena Stock Center

Database Abbreviation: TSC

Organism Name: BLT-HA #27

Record Creation Time: 20230308T214044+0000

Record Last Update: 20260829T230857+0000

Ratings and Alerts

No rating or validation information has been found for BLT-HA #27.

No alerts have been found for BLT-HA #27.

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.