

# Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

## BLT-HA #27

RRID:TSC\_SD02562

Type: Organism

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### Proper Citation

RRID:TSC\_SD02562

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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:** 20260808T234146+0000

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### Ratings and Alerts

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

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

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** TSC, Tetrahymena Stock Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.