

# Resource Summary Report

Generated by [Kravitz](#) on Sep 16, 2026

## tmRNA Database

RRID:SCR\_005540

Type: Tool

### Proper Citation

tmRNA Database (RRID:SCR\_005540)

### Resource Information

**URL:** <http://rnp.uthscsa.edu/rnp/tmRDB/tmRDB.html>

**Proper Citation:** tmRNA Database (RRID:SCR\_005540)

**Description:** The tmRDB is a tool in the study of the structures and functions of the tmRNA (earlier called 10S RNA). As the name implies, tmRNA has properties of tRNA and mRNA combined in a single molecule. The tmRDB provides aligned, annotated and phylogenetically ordered tmRNA sequences. The alignments of the sequences represent conserved secondary structure elements where each base pair is proven by comparative sequence analysis. Where possible, we established direct links to primary sources. We acknowledge support provided by the National Institutes of Health and the Danish Technical Research Council. tRNA, mRNA, trans-translation, rescue, ribosome, broken mRNA, bacteria, mitochondria chloroplasts, cyanelles, bacteriophage, phylogenetic

**Synonyms:** tmRDB

**Resource Type:** data or information resource, database

**Keywords:** bacteria, bacteriophage, broken mrna, cyanelles, mitochondria chloroplasts, mrna, phylogenetic, rescue, ribosome, rna sequence database, sequencing, trans-translation, trna

**Resource Name:** tmRNA Database

**Resource ID:** SCR\_005540

**Alternate IDs:** nif-0000-03566

**Old URLs:** <http://rnp.uthct.edu/rnp/tmRDB/tmRDB.html>

**Record Creation Time:** 20220129T080230+0000

**Record Last Update:** 20260912T200138+0000

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## Ratings and Alerts

No rating or validation information has been found for tmRNA Database.

No alerts have been found for tmRNA Database.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.