

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 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: database, data or information resource

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: 20260808T190353+0000

Ratings and Alerts

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

No alerts have been found for tmRNA Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.