

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

tTFtarget

RRID:SCR_025631

Type: Tool

Proper Citation

tTFtarget (RRID:SCR_025631)

Resource Information

URL: <http://trftarget.net>

Proper Citation: tTFtarget (RRID:SCR_025631)

Description: Transcription factor target database. Platform consolidating both computationally predicted and experimentally validated binding sites between transfer RNA-derived fragments and target genes or transcripts across multiple organisms.

Synonyms: tRFtarget 2.0, tRFtarget 1.0

Resource Type: data or information resource, database

Defining Citation: [DOI:10.1093/nar/gkad815](https://doi.org/10.1093/nar/gkad815)

Keywords: Transcription factor target, validated binding sites, transfer RNA-derived fragments, target genes, multiple organisms,

Funding: NLM R01LM014087;
NSF

Availability: Free, Freely available

Resource Name: tTFtarget

Resource ID: SCR_025631

Record Creation Time: 20240816T053258+0000

Record Last Update: 20260905T133503+0000

Ratings and Alerts

No rating or validation information has been found for tTFtarget.

No alerts have been found for tTFtarget.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Mubashir M, et al. (2026) Estradiol Reverses Ovariectomy-Induced Small RNA-mRNA Stress Signatures to Restore Neuroendocrine, Synaptic, and Immune Homeostasis in the Hypothalamus. *Biomolecules*, 16(3).

Karacicek B, et al. (2025) The Role of tRNA Fragments on Neurogenesis Alteration by H₂O₂-induced Oxidative Stress. *Journal of molecular neuroscience : MN*, 75(2), 47.

Castro-Oropeza R, et al. (2025) Landscape of lncRNAs expressed in Mexican patients with triple-negative breast cancer. *Molecular medicine reports*, 31(6).

Parikh R, et al. (2022) tRForest: a novel random forest-based algorithm for tRNA-derived fragment target prediction. *NAR genomics and bioinformatics*, 4(2), lqac037.