

Resource Summary Report

Generated by T1D on Aug 2, 2026

riborex

RRID:SCR_019104

Type: Tool

Proper Citation

riborex (RRID:SCR_019104)

Resource Information

URL: <https://github.com/smithlabcode/riborex>

Proper Citation: riborex (RRID:SCR_019104)

Description: Software R package for identification of differential translation from Ribo-seq data. Computational tool for mapping genome wide differences in translation efficiency.

Synonyms: riborex v2.3.4

Resource Type: software resource, software toolkit

Defining Citation: [PMID:28158331](#)

Keywords: Ribo-seq data, differential translation, differential translation identification, mapping genome differences, translation efficiency, bio.tools

Funding: NHGRI R01 HG006015

Availability: Free, Available for download, Freely available

Resource Name: riborex

Resource ID: SCR_019104

Alternate IDs: biotools:riborex

Alternate URLs: <https://bio.tools/riborex>

License: GNU General Public License

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260801T191110+0000

Ratings and Alerts

No rating or validation information has been found for riborex.

No alerts have been found for riborex.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Zhou Y, et al. (2025) Dynamic mRNA Stability Buffer Transcriptional Activation During Neuronal Differentiation and Is Regulated by SAMD4A. *Journal of cellular physiology*, 240(1), e31477.

Rashad S, et al. (2024) Translational response to mitochondrial stresses is orchestrated by tRNA modifications. *bioRxiv : the preprint server for biology*.

Terrey M, et al. (2021) Defects in translation-dependent quality control pathways lead to convergent molecular and neurodevelopmental pathology. *eLife*, 10.

Terrey M, et al. (2020) GTPBP1 resolves paused ribosomes to maintain neuronal homeostasis. *eLife*, 9.

Kapur M, et al. (2020) Expression of the Neuronal tRNA n-Tr20 Regulates Synaptic Transmission and Seizure Susceptibility. *Neuron*, 108(1), 193.

Zheng Z, et al. (2020) Control of Early B Cell Development by the RNA N6-Methyladenosine Methylation. *Cell reports*, 31(13), 107819.

Xing J, et al. (2020) LncRNA-Encoded Peptide: Functions and Predicting Methods. *Frontiers in oncology*, 10, 622294.