Resource Summary Report

Generated by NIF on Apr 22, 2025

ToRNADo

RRID:SCR_002706

Type: Tool

Proper Citation

ToRNADo (RRID:SCR_002706)

Resource Information

URL: https://simtk.org/home/rna-viz-proto

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Description: A software application for animating and visualising RNA and other macromolecular structures. Users are able to use their intuition to interactively refold RNA structures and produce morphs from one structure to another. It allow researchers to explore and manipulate molecular structures Imported from BiositeMaps registry, to better understand structure:function relationships, folding pathways, and molecular motion.

Resource Type: software resource, data processing software, software application, data visualization software

Keywords: duplex, protein, rna, visualization

Funding: NIH;

NIGMS R01GM107340; NIGMS U54GM072970

Resource Name: ToRNADo

Resource ID: SCR_002706

Alternate IDs: nif-0000-23335

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250422T055039+0000

Ratings and Alerts

No rating or validation information has been found for ToRNADo.

No alerts have been found for ToRNADo.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 78 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Faraji F, et al. (2025) YAP-driven malignant reprogramming of oral epithelial stem cells at single cell resolution. Nature communications, 16(1), 498.

Lin H, et al. (2025) Modular organization of enhancer network provides transcriptional robustness in mammalian development. Nucleic acids research, 53(2).

Zhang W, et al. (2024) SETMAR Facilitates the Differentiation of Thyroid Cancer by Regulating SMARCA2-Mediated Chromatin Remodeling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(32), e2401712.

So C, et al. (2024) Lifetime cost-effectiveness of myopia control intervention for the children population. Journal of global health, 14, 04183.

Kim YR, et al. (2024) Prion-like domain mediated phase separation of ARID1A promotes oncogenic potential of Ewing's sarcoma. Nature communications, 15(1), 6569.

Nan Y, et al. (2024) Early-stage hepatocellular carcinoma screening in patients with chronic hepatitis B in China: a cost-effectiveness analysis. Journal of comparative effectiveness research, 13(4), e230146.

Ahn Y, et al. (2024) Single-Center Experience With Dynamic Contrast-Enhanced Magnetic Resonance Lymphangiography for Diagnosing Lymphatic Disorders and Guiding Percutaneous Embolization. Journal of Korean medical science, 39(39), e260.

Hafidz F, et al. (2024) Economic Evaluation of Cervical Cancer Screening by HPV DNA, VIA, and Pap smear Methods in Indonesia. Asian Pacific journal of cancer prevention: APJCP, 25(9), 3015.

Reis PBPS, et al. (2024) PypKa server: online pKa predictions and biomolecular structure preparation with precomputed data from PDB and AlphaFold DB. Nucleic acids research, 52(W1), W294.

Blawski R, et al. (2024) Methylation of the chromatin modifier KMT2D by SMYD2 contributes

to therapeutic response in hormone-dependent breast cancer. Cell reports, 43(5), 114174.

Nguyen CDK, et al. (2024) PRMT1 promotes epigenetic reprogramming associated with acquired chemoresistance in pancreatic cancer. Cell reports, 43(5), 114176.

Culley TM, et al. (2024) Long-term effects of a tornado: Impacts on woody native vegetation and invasive Amur honeysuckle (Lonicera maackii) in an urban forest. Ecology and evolution, 14(3), e10890.

Alajemi M, et al. (2024) Effect of simulated clinical use and sterilization on the cyclic fatigue resistance of nickel titanium files. PeerJ, 12, e17418.

Dombrowski C, et al. (2024) An economic evaluation of two cervical screening algorithms in Belgium: HR-HPV primary compared to HR-HPV and liquid-based cytology co-testing. European journal of cancer prevention: the official journal of the European Cancer Prevention Organisation (ECP), 33(3), 262.

Liu L, et al. (2024) Pharmacokinetics and exposure-safety relationship of ciprofol for sedation in mechanically ventilated patients in the intensive care unit. CPT: pharmacometrics & systems pharmacology, 13(5), 823.

Dey D, et al. (2024) Reversing protonation of weakly basic drugs greatly enhances intracellular diffusion and decreases lysosomal sequestration. eLife, 13.

Qasmieh SA, et al. (2024) Magnitude of Potential Biases in COVID-19 Vaccine Effectiveness Studies due to Differential Healthcare seeking following Home Testing: Implications for Test Negative Design Studies. medRxiv: the preprint server for health sciences.

Yuan Z, et al. (2023) Study on wind load characteristics of stadium under tornado. Scientific reports, 13(1), 21571.

Choi J, et al. (2023) Transcatheter Arterial Embolization for Palliation of Uterine Body Cancer Bleeding. Journal of the Korean Society of Radiology, 84(3), 606.

Avila R, et al. (2023) MyGeneset.info: an interactive and programmatic platform for community-curated and user-created collections of genes. Nucleic acids research, 51(W1), W350.