

Resource Summary Report

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MutaRNA

RRID:SCR_021723

Type: Tool

Proper Citation

MutaRNA (RRID:SCR_021723)

Resource Information

URL: <http://rna.informatik.uni-freiburg.de/MutaRNA/Input.jsp>

Proper Citation: MutaRNA (RRID:SCR_021723)

Description: Web server predicts and visualizes mutation induced structure changes of single nucleotide polymorphism in RNA sequence. This covers changes in accessibility (single strandedness) of molecule, its intra molecular base pairing potential and its base pairing probabilities. One of Freiburg RNA tools.

Synonyms: Mutational Analysis of RNAs

Resource Type: data access protocol, service resource, production service resource, software resource, web service, analysis service resource

Defining Citation: [PMID:32392303](#)

Keywords: Mutation induced structure changes, single nucleotide polymorphism, RNA sequence

Funding: German Research Foundation ;
Germany Excellence Strategy ;
Baden-Wuerttemberg Ministry of Science ;
Research and Art ;
University of Freiburg

Availability: Free, Freely available

Resource Name: MutaRNA

Resource ID: SCR_021723

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260801T190723+0000

Ratings and Alerts

No rating or validation information has been found for MutaRNA.

No alerts have been found for MutaRNA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Boon WX, et al. (2021) Prediction of the effects of the top 10 synonymous mutations from 26645 SARS-CoV-2 genomes of early pandemic phase. F1000Research, 10, 1053.