Resource Summary Report

Generated by dkNET on May 4, 2025

REDItools

RRID:SCR_012133
Type: Tool

Proper Citation

REDItools (RRID:SCR_012133)

Resource Information

URL: https://code.google.com/p/reditools/

Proper Citation: REDItools (RRID:SCR_012133)

Description: A suite of python scripts to perform high-throughput investigation of RNA editing using next-generation sequencing data.

Resource Type: software resource

Defining Citation: PMID:23742983

Keywords: standalone software, illumina, roche, pacific biosciences, life technologies, python, bio.tools

Funding:

Availability: MIT License

Resource Name: REDItools

Resource ID: SCR_012133

Alternate IDs: biotools:reditools, OMICS_05860

Alternate URLs: https://bio.tools/reditools

Record Creation Time: 20220129T080308+0000

Record Last Update: 20250420T014607+0000

Ratings and Alerts

No rating or validation information has been found for REDItools.

No alerts have been found for REDItools.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 119 mentions in open access literature.

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

Cui J, et al. (2025) Mitochondrial Genome Insights into Evolution and Gene Regulation in Phragmites australis. International journal of molecular sciences, 26(2).

He Y, et al. (2025) RPS 2.0: an updated database of RNAs involved in liquid-liquid phase separation. Nucleic acids research, 53(D1), D299.

Qin PP, et al. (2025) Programming ADAR-recruiting hairpin RNA sensor to detect endogenous molecules. Nucleic acids research, 53(1).

Liu Q, et al. (2024) ADAR1 promotes cisplatin resistance in intrahepatic cholangiocarcinoma by regulating BRCA2 expression through A-to-I editing manner. Cell proliferation, 57(10), e13659.

Karlström V, et al. (2024) ADAR3 modulates neuronal differentiation and regulates mRNA stability and translation. Nucleic acids research, 52(19), 12021.

Chen H, et al. (2024) RNA editing landscape of adipose tissue in polycystic ovary syndrome provides insight into the obesity-related immune responses. Frontiers in endocrinology, 15, 1379293.

Xu X, et al. (2024) Global A-to-I RNA editing during myogenic differentiation of goat MuSCs. Frontiers in veterinary science, 11, 1439029.

Li G, et al. (2024) Engineering TadA ortholog-derived cytosine base editor without motif preference and adenosine activity limitation. Nature communications, 15(1), 8090.

Feng C, et al. (2024) Unveiling the A-to-I mRNA editing machinery and its regulation and evolution in fungi. Nature communications, 15(1), 3934.

Li YY, et al. (2024) Complete mitochondrial genome of Angelica dahurica and its implications on evolutionary analysis of complex mitochondrial genome architecture in Apiaceae.

Frontiers in plant science, 15, 1367299.

Giannoukakos S, et al. (2024) Assessing the complementary information from an increased number of biologically relevant features in liquid biopsy-derived RNA-Seq data. Heliyon, 10(6), e27360.

Zou J, et al. (2024) Hyphal editing of the conserved premature stop codon in CHE1 is stimulated by oxidative stress in Fusarium graminearum. Stress biology, 4(1), 30.

Liu J, et al. (2024) An orthology-based methodology as a complementary approach to retrieve evolutionarily conserved A-to-I RNA editing sites. RNA biology, 21(1), 29.

Yi Z, et al. (2024) Strand-selective base editing of human mitochondrial DNA using mitoBEs. Nature biotechnology, 42(3), 498.

Baquero-Pérez B, et al. (2024) Elucidation of the Epitranscriptomic RNA Modification Landscape of Chikungunya Virus. Viruses, 16(6).

Bian Z, et al. (2024) Sexual stage-specific A-to-I mRNA editing is mediated by tRNA-editing enzymes in fungi. Proceedings of the National Academy of Sciences of the United States of America, 121(12), e2319235121.

Wang H, et al. (2024) Highly active repeat-mediated recombination in the mitogenome of the aquatic grass Hygroryza aristata. BMC plant biology, 24(1), 644.

Lu G, et al. (2024) The first complete mitochondrial genome of Grossulariaceae: Molecular features, structure recombination, and genetic evolution. BMC genomics, 25(1), 744.

Nesta A, et al. (2024) Alternative splicing of transposable elements in human breast cancer. bioRxiv : the preprint server for biology.

Cai Y, et al. (2024) Repeat-mediated recombination results in Complex DNA structure of the mitochondrial genome of Trachelospermum jasminoides. BMC plant biology, 24(1), 966.