

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

ChiRA

RRID:SCR_019219

Type: Tool

Proper Citation

ChiRA (RRID:SCR_019219)

Resource Information

URL: <https://github.com/pavanvidem/chira>

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Description: Software tool suite to analyze RNA-RNA interactome experimental data such as CLASH, CLEAR-CLIP, PARIS, SPLASH, etc.

Synonyms: Chimeric Read Analyzer

Resource Type: data or information resource, data processing software, narrative resource, software application, software resource, software toolkit, training material, workflow

Keywords: RNA-RNA interactome experimental data, experimental data analysis, miRNA, RNA-RNA interactome, RNA structurome, CLASH, CLEAR-CLIP, PARIS, SPLASH, chimeric read, read, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: ChiRA

Resource ID: SCR_019219

Alternate IDs: biotools:chira

Alternate URLs: <https://rna.usegalaxy.eu/>, <https://bio.tools/chira>

License: GNU GPL v3.0

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260912T195911+0000

Ratings and Alerts

No rating or validation information has been found for ChiRA.

No alerts have been found for ChiRA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Honecker B, et al. (2025) Entamoeba histolytica extracellular vesicles drive pro-inflammatory monocyte signaling. PLoS neglected tropical diseases, 19(4), e0012997.

De Oliveira IB, et al. (2024) Apoplastomes of contrasting cacao genotypes to witches' broom disease reveals differential accumulation of PR proteins. Frontiers in plant science, 15, 1387153.

Ferreira MM, et al. (2024) TcSERPIN, an inhibitor that interacts with cocoa defense proteins and has biotechnological potential against human pathogens. Frontiers in plant science, 15, 1337750.

Farias KS, et al. (2023) BASIDIN as a New Protein Effector of the Phytopathogen Causing Witches' Broom Disease in Cocoa. International journal of molecular sciences, 24(14).

Tregear JW, et al. (2022) Micro-RNA-Regulated SQUAMOSA-PROMOTER BINDING PROTEIN-LIKE (SPL) Gene Expression and Cytokinin Accumulation Distinguish Early-Developing Male and Female Inflorescences in Oil Palm (Elaeis guineensis). Plants (Basel, Switzerland), 11(5).

Videm P, et al. (2021) ChiRA: an integrated framework for chimeric read analysis from RNA-RNA interactome and RNA structurome data. GigaScience, 10(2).