

Resource Summary Report

Generated by SPARC SAWG on Sep 14, 2026

TRAL

RRID:SCR_018979

Type: Tool

Proper Citation

TRAL (RRID:SCR_018979)

Resource Information

URL: <https://github.com/acg-team/tral>

Proper Citation: TRAL (RRID:SCR_018979)

Description: Software tool to make annotation of tandem repeats in amino acid and nucleic data simple. Includes modules for detecting tandem repeats with both de novo software and sequence profile HMMs. Used for statistical significance analysis of putative tandem repeats, and filtering of redundant predictions.

Abbreviations: TRAL

Synonyms: Tandem Repeat Annotation Library

Resource Type: algorithm resource, data analysis software, data processing software, sequence analysis software, software application, software resource

Defining Citation: [DOI:10.1093/bioinformatics/btv306](https://doi.org/10.1093/bioinformatics/btv306)

Keywords: Annotation, tandem repeats annotation, amino acid repeats, nucleic data, statistical analysis, redundant predictions filtering, redundant annotation clustering, overlapping annotations clustering, false positive annotation filtering, bio.tools

Funding: Swiss State Secretariat for Education ;
Research ;
and Innovation

Availability: Free, Freely available

Resource Name: TRAL

Resource ID: SCR_018979

Alternate IDs: biotools:tral

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

License: GPL-2.0

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260912T195908+0000

Ratings and Alerts

No rating or validation information has been found for TRAL.

No alerts have been found for TRAL.

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 [SPARC SAWG](#) .

Verbiest MA, et al. (2021) Beyond Microsatellite Instability: Intrinsic Disorder as a Potential Link Between Protein Short Tandem Repeats and Cancer. *Frontiers in bioinformatics*, 1, 685844.