

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

Bionitio

RRID:SCR_017259

Type: Tool

Proper Citation

Bionitio (RRID:SCR_017259)

Resource Information

URL: <https://github.com/bionitio-team/bionitio>

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Description: Open source software tool to provide template for command line bioinformatics tools in various programming languages. Program reads one or more input FASTA files, computes variety of statistics on each file, and prints tabulated output. Used as basis for learning and as foundation for starting new projects.

Resource Type: software resource, software toolkit

Keywords: template, command, line, bioinformatic, tool, programming, language, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: Bionitio

Resource ID: SCR_017259

Alternate IDs: biotools:bionitio

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

License: MIT licence

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260912T200254+0000

Ratings and Alerts

No rating or validation information has been found for Bionitio.

No alerts have been found for Bionitio.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Vuong P, et al. (2022) Ten simple rules for investigating (meta)genomic data from environmental ecosystems. PLoS computational biology, 18(12), e1010675.

Georgeson P, et al. (2019) Bionitio: demonstrating and facilitating best practices for bioinformatics command-line software. GigaScience, 8(9).