

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## BioExtract

RRID:SCR\_005397

Type: Tool

### Proper Citation

BioExtract (RRID:SCR\_005397)

### Resource Information

**URL:** <http://www.bioextract.org/GuestLogin>

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**Description:** An open, web-based system designed to aid researchers in the analysis of genomic data by providing a platform for the creation of bioinformatic workflows. Scientific workflows are created within the system by recording tasks performed by the user. These tasks may include querying multiple, distributed data sources, saving query results as searchable data extracts, and executing local and web-accessible analytic tools. The series of recorded tasks can then be saved as a reproducible, sharable workflow available for subsequent execution with the original or modified inputs and parameter settings. Integrated data resources include interfaces to the National Center for Biotechnology Information (NCBI) nucleotide and protein databases, the European Molecular Biology Laboratory (EMBL-Bank) non-redundant nucleotide database, the Universal Protein Resource (UniProt), and the UniProt Reference Clusters (UniRef) database. The system offers access to numerous preinstalled, curated analytic tools and also provides researchers with the option of selecting computational tools from a large list of web services including the European Molecular Biology Open Software Suite (EMBOSS), BioMoby, and the Kyoto Encyclopedia of Genes and Genomes (KEGG). The system further allows users to integrate local command line tools residing on their own computers through a client-side Java applet.

**Abbreviations:** BioExtract

**Synonyms:** BioExtract Server

**Resource Type:** service resource

**Defining Citation:** [PMID:21546552](#), [PMID:20865520](#), [PMID:20150665](#), [PMID:20054995](#)

**Keywords:** nucleotide sequence, protein sequence, viridiplantae, viridiplantae protein, nucleotide, sequence, protein, viridiplantae, workflow, software, database, bioinformatics, platform, genome, genomic analysis, analytic tool

**Funding:** NSF 0090732;  
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**Resource Name:** BioExtract

**Resource ID:** SCR\_005397

**Alternate IDs:** OMICS\_01138

**Record Creation Time:** 20220129T080230+0000

**Record Last Update:** 20260725T190606+0000

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## Ratings and Alerts

No rating or validation information has been found for BioExtract.

No alerts have been found for BioExtract.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 11 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Soro S, et al. (2025) Dynamics of Leptospirosis Transmission Within Urban Norway Rat (*Rattus norvegicus*) Populations in Densely Populated French Areas: Implications for Public Health. *Transboundary and emerging diseases*, 2025, 3451406.

Dundon WG, et al. (2021) Comparison of eleven in vitro diagnostic assays for the detection of SARS-CoV-2 RNA. *Journal of virological methods*, 295, 114200.

Gendrot M, et al. (2021) In Vitro Evaluation of the Antiviral Activity of Methylene Blue Alone or in Combination against SARS-CoV-2. *Journal of clinical medicine*, 10(14).

Gendrot M, et al. (2020) In Vitro Antiviral Activity of Doxycycline against SARS-CoV-2. *Molecules* (Basel, Switzerland), 25(21).

Gendrot M, et al. (2020) Antimalarial drugs inhibit the replication of SARS-CoV-2: An in vitro evaluation. *Travel medicine and infectious disease*, 37, 101873.

Gendrot M, et al. (2020) Antimalarial artemisinin-based combination therapies (ACT) and COVID-19 in Africa: In vitro inhibition of SARS-CoV-2 replication by mefloquine-artesunate. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*, 99, 437.

Badar A, et al. (2017) Effect of *Nigella sativa* supplementation over a one-year period on lipid levels, blood pressure and heart rate in type-2 diabetic patients receiving oral hypoglycemic agents: nonrandomized clinical trial. *Annals of Saudi medicine*, 37(1), 56.

Islam KMS, et al. (2017) Lutein Specific Relationships among Some Spectrophotometric and Colorimetric Parameters of Chicken Egg Yolk. *The journal of poultry science*, 54(4), 271.

Kaatabi H, et al. (2015) *Nigella sativa* improves glycemic control and ameliorates oxidative stress in patients with type 2 diabetes mellitus: placebo controlled participant blinded clinical trial. *PloS one*, 10(2), e0113486.

Bamosa A, et al. (2015) *Nigella sativa*: A potential natural protective agent against cardiac dysfunction in patients with type 2 diabetes mellitus. *Journal of family & community medicine*, 22(2), 88.

Noronha B, et al. (2009) Mobyle: a new full web bioinformatics framework. *Bioinformatics (Oxford, England)*, 25(22), 3005.