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 Agency**: NSF, NSF

**Resource Name**: BioExtract

**Resource ID**: SCR_005397

**Alternate IDs**: OMICS_01138

**Ratings and Alerts**

No rating or validation information has been found for BioExtract.

No alerts have been found for BioExtract.

**Data and Source Information**

**Source**: SciCrunch Registry

**Usage and Citation Metrics**

We found 9 mentions in open access literature.

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


stress in patients with type 2 diabetes mellitus: placebo controlled participant blinded clinical trial. PloS one, 10(2), e0113486.

