

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

BioBlend Library

RRID:SCR_014557

Type: Tool

Proper Citation

BioBlend Library (RRID:SCR_014557)

Resource Information

URL: <https://github.com/galaxyproject/bioblend>

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Description: A Python library which provides Python access to and interaction with Galaxy's API and CloudMan. The library allows users to create a CloudMan compute cluster via an API and directly from a local machine, reconnect to an existing CloudMan instance and manipulate it, and interact with Galaxy via a straightforward API and an object-oriented API. The library itself can be used with either service irrespective of the other.

Synonyms: BioBlend

Resource Type: software library, software resource, software toolkit

Keywords: python, library, cloudman, api, galaxy

Availability: Available for download

Resource Name: BioBlend Library

Resource ID: SCR_014557

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260808T190013+0000

Ratings and Alerts

No rating or validation information has been found for BioBlend Library.

No alerts have been found for BioBlend Library.

Data and Source Information

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Rojas WY, et al. (2025) Galaxy QCxMS for straightforward semi-empirical quantum mechanical EI-MS prediction. GigaByte (Hong Kong, China), 2025, gigabyte160.

Bray S, et al. (2023) The Planemo toolkit for developing, deploying, and executing scientific data analyses in Galaxy and beyond. Genome research, 33(2), 261.

Park DI, et al. (2023) Rheological Characteristics of Starch-Based Biodegradable Blends. Polymers, 15(8).

Bersuker K, et al. (2019) The CoQ oxidoreductase FSP1 acts parallel to GPX4 to inhibit ferroptosis. Nature, 575(7784), 688.

Digan W, et al. (2017) An architecture for genomics analysis in a clinical setting using Galaxy and Docker. GigaScience, 6(11), 1.

Kim B, et al. (2017) Bio-Docklets: virtualization containers for single-step execution of NGS pipelines. GigaScience, 6(8), 1.

Blumenfeld AL, et al. (2016) Reproducible features of small RNAs in C. elegans reveal NU RNAs and provide insights into 22G RNAs and 26G RNAs. RNA (New York, N.Y.), 22(2), 184.

Leo S, et al. (2014) BioBlend.objects: metacomputing with Galaxy. Bioinformatics (Oxford, England), 30(19), 2816.