

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 2026

PyCogent

RRID:SCR_024192

Type: Tool

Proper Citation

PyCogent (RRID:SCR_024192)

Resource Information

URL: <https://github.com/cogent3/cogent3>

Proper Citation: PyCogent (RRID:SCR_024192)

Description: Software Python library for analysis of genomic sequence data. Framework for novel probabilistic analyses of biological sequences, devising workflows, and generating publication quality graphics.

Synonyms: python-cogent, COmparative GENomic Toolkit

Resource Type: software library, software resource, software toolkit

Defining Citation: [PMID:17708774](#)

Keywords: analysis of genomic sequence data, generating publication quality graphics,

Availability: Free, Available for download, Freely available,

Resource Name: PyCogent

Resource ID: SCR_024192

Alternate IDs: OMICS_14006

Old URLs: <https://sources.debian.org/src/python3-cogent3/>

License: BSD-3-Clause license

Record Creation Time: 20230824T050212+0000

Record Last Update: 20260905T133105+0000

Ratings and Alerts

No rating or validation information has been found for PyCogent.

No alerts have been found for PyCogent.

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 [PRECISE-TBI](#) .

Djemiel C, et al. (2020) BIOCOM-PIPE: a new user-friendly metabarcoding pipeline for the characterization of microbial diversity from 16S, 18S and 23S rRNA gene amplicons. BMC bioinformatics, 21(1), 492.

Aun E, et al. (2018) A k-mer-based method for the identification of phenotype-associated genomic biomarkers and predicting phenotypes of sequenced bacteria. PLoS computational biology, 14(10), e1006434.