Resource Summary Report

Generated by dkNET on Aug 7, 2026

PyBEL

RRID:SCR_017660
Type: Tool

Proper Citation

PyBEL (RRID:SCR_017660)

Resource Information

URL: https://github.com/pybel

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Description: Software Python package for parsing, validating, compiling, and converting networks encoded in Biological Expression Language.Package consists of network data container, parser and validator, network database manager, data converter and network visualizer. Computational framework for Biological Expression Language. Used to pars BEL documents, validate their semantics, and facilitate data interchange between common formats and database systems like JSON, CSV, Excel, SQL, CX, and Neo4J.

Synonyms: pybel, Python Biological Expression Language

Resource Type: software toolkit, software resource

Defining Citation: PMID:29048466

Keywords: Parsing, validating, compiling, converting, network, BEL, biological, expression, language, bio.tools

Funding: European Union/European Federation of Pharmaceutical Industries and Associations (EFPIA) Innovative Medicines Initiative Joint Undertaking

Availability: Free, Available for download, Freely available

Resource Name: PyBEL

Resource ID: SCR_017660

Alternate IDs: biotools:pybel, SCR_024180

Alternate URLs: https://github.com/pybel/pybel, https://bio.tools/pybel/, https://pybel.readthedocs.io

Old URLs: https://sources.debian.org/src/python3-pybel/

License: MIT License

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260806T054650+0000

Ratings and Alerts

No rating or validation information has been found for PyBEL.

No alerts have been found for PyBEL.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Mubeen S, et al. (2019) The Impact of Pathway Database Choice on Statistical Enrichment Analysis and Predictive Modeling. Frontiers in genetics, 10, 1203.