Resource Summary Report

Generated by NIF on May 21, 2025

Biological Expression Language

RRID:SCR_017661
Type: Tool

Proper Citation

Biological Expression Language (RRID:SCR_017661)

Resource Information

URL: https://bel.bio/

Proper Citation: Biological Expression Language (RRID:SCR_017661)

Description: Language for representing scientific findings in life sciences in reusable, shareable, and computable form. Captures causal and correlative relationships in context, where context can include information about biological and experimental system in which relationships were observed, supporting publications cited and process of curation.

Abbreviations: BEL

Synonyms: Biological Expression Language

Resource Type: data or information resource, software resource, organization portal, portal, software application

Defining Citation: PMID:24444544

Keywords: Domain Specific Language, Bel.bio, reusable, shareable, computable, biological, finding, experimental, system, relation, publication, cited, curation

Funding: BioDati ;
Inc

Availability: Free, Freely Available

Resource Name: Biological Expression Language

Resource ID: SCR_017661

Alternate URLs: https://fairsharing.org/bsg-s000572/

License: Apache 2.0

Record Creation Time: 20220129T080336+0000

Record Last Update: 20250521T061715+0000

Ratings and Alerts

No rating or validation information has been found for Biological Expression Language.

No alerts have been found for Biological Expression Language.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Raschka T, et al. (2023) AI reveals insights into link between CD33 and cognitive impairment in Alzheimer's Disease. PLoS computational biology, 19(2), e1009894.

Barkhuizen M, et al. (2022) Causal biological network models for reactive astrogliosis: a systems approach to neuroinflammation. Scientific reports, 12(1), 4205.

Touré V, et al. (2021) The status of causality in biological databases: data resources and data retrieval possibilities to support logical modeling. Briefings in bioinformatics, 22(4).

Li RA, et al. (2021) Systems Toxicology Approach for Assessing Developmental Neurotoxicity in Larval Zebrafish. Frontiers in genetics, 12, 652632.