

Resource Summary Report

Generated by NIF on May 4, 2025

Babel

RRID:SCR_004307

Type: Tool

Proper Citation

Babel (RRID:SCR_004307)

Resource Information

URL: http://taylorlab.ucsf.edu/software_data.html

Proper Citation: Babel (RRID:SCR_004307)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 10, 2023. Software that implements babel routines for identifying unusual ribosome protected fragment counts given mRNA counts

Abbreviations: Babel

Synonyms: babel: Ribosome profiling data analysis

Resource Type: data processing software, software resource, data analysis software, software application

Keywords: windows, macos x

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Babel

Resource ID: SCR_004307

Alternate IDs: OMICS_01530

Record Creation Time: 20220129T080223+0000

Record Last Update: 20250503T055640+0000

Ratings and Alerts

No rating or validation information has been found for Babel.

No alerts have been found for Babel.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 173 mentions in open access literature.

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

Yan Z, et al. (2025) An efficient and flexible approach for local distortion: distortion distribution analysis enabled by fragmentation. *Chemical science*, 16(5), 2351.

Kumar A, et al. (2025) Inhibition potential of natural flavonoids against selected omicron (B.1.19) mutations in the spike receptor binding domain of SARS-CoV-2: a molecular modeling approach. *Journal of biomolecular structure & dynamics*, 43(2), 1068.

Viviani LG, et al. (2025) Identification of Novel Human 15-Lipoxygenase-2 (h15-LOX-2) Inhibitors Using a Virtual Screening Approach. *Journal of medicinal chemistry*, 68(1), 307.

Islam SI, et al. (2025) Investigating new drugs from marine seaweed metabolites for cervical cancer therapy by molecular dynamic modeling approach. *Scientific reports*, 15(1), 3866.

Ferdousy J, et al. (2025) Exploring effector protein dynamics and natural fungicidal potential in rice blast pathogen *Magnaporthe oryzae*. *PloS one*, 20(1), e0307352.

Cordery C, et al. (2024) Control of phosphodiesterase activity in the regulator of biofilm dispersal RbdA from *Pseudomonas aeruginosa*. *RSC chemical biology*, 5(10), 1052.

Jiang Y, et al. (2024) Feasibility of the inhibitor development for cancer: A systematic approach for drug design. *PloS one*, 19(8), e0306632.

Zhao X, et al. (2024) Pharmacological targets and validation of remdesivir for the treatment of COVID-19-associated pulmonary fibrosis: A network-based pharmacology and bioinformatics study. *Medicine*, 103(39), e39062.

Abdullahi AD, et al. (2024) Antibacterial activities of Miang extracts against selected pathogens and the potential of the tannin-free extracts in the growth inhibition of *Streptococcus mutans*. *PloS one*, 19(5), e0302717.

Defant A, et al. (2024) Structural Insights into the Marine Alkaloid Discorhabdin G as a

Scaffold towards New Acetylcholinesterase Inhibitors. *Marine drugs*, 22(4).

Zhang P, et al. (2024) Network pharmacology and molecular-docking-based strategy to explore the potential mechanism of salidroside-inhibited oxidative stress in retinal ganglion cell. *PloS one*, 19(7), e0305343.

Jelley L, et al. (2024) Spatial and temporal transmission dynamics of respiratory syncytial virus in New Zealand before and after the COVID-19 pandemic. *medRxiv : the preprint server for health sciences*.

Sun J, et al. (2024) Localization and recognition of human action in 3D using transformers. *Communications engineering*, 3(1), 125.

Kaly MK, et al. (2024) Genotoxic effects of NDMA-contaminated ranitidine on *Allium cepa* cells and unveiling carcinogenic mechanisms via DFT and molecular dynamics simulation study. *Scientific reports*, 14(1), 31419.

Yang ZS, et al. (2024) Targeting the receptor binding domain and heparan sulfate binding for antiviral drug development against SARS-CoV-2 variants. *Scientific reports*, 14(1), 2753.

Bepari AK, et al. (2024) Virtual screening of flavonoids as potential RIPK1 inhibitors for neurodegeneration therapy. *PeerJ*, 12, e16762.

Moin AT, et al. (2024) Antifungal plant flavonoids identified in silico with potential to control rice blast disease caused by *Magnaporthe oryzae*. *PloS one*, 19(4), e0301519.

Agili F, et al. (2024) Novel Thiazole Derivatives Containing Imidazole and Furan Scaffold: Design, Synthesis, Molecular Docking, Antibacterial, and Antioxidant Evaluation. *Molecules* (Basel, Switzerland), 29(7).

Chan AKN, et al. (2024) Therapeutic targeting Tudor domains in leukemia via CRISPR-Scan Assisted Drug Discovery. *Science advances*, 10(8), eadk3127.

Cuollo L, et al. (2024) CD38 restrains the activity of extracellular cGAMP in a model of multiple myeloma. *iScience*, 27(5), 109814.