

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

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, THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16, 2025.

Abbreviations: Babel

Synonyms: babel: Ribosome profiling data analysis

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

Keywords: windows, macos x

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: 20260806T054401+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 175 mentions in open access literature.

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

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.

Choi J, et al. (2025) Chemical Composition and Biological Activities of *Lagopsis supina* Extract: Antioxidant, Adipogenic, and Anti-Inflammatory Effects. *Pharmaceuticals (Basel, Switzerland)*, 18(2).

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

Ahamad Khan MM, et al. (2025) Unveiling ferroptosis genes and inhibitors in diabetic retinopathy through single-cell analysis and docking simulations. *Biochemistry and biophysics reports*, 41, 101932.

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

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.

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.

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.

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.

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.

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

Dilkhal A, et al. (2024) In vitro antioxidant, anticancer and in silico studies of polyphenol enriched leaf extract of *Asystasia gangetica*. Scientific reports, 14(1), 28374.

Bappy MNI, et al. (2024) Screening of Novel Drug Targets and Drug Design for *Bordetella pertussis*: A Subtractive Proteomics Approach. Current research in microbial sciences, 7, 100291.

Lu H, et al. (2024) Network analysis to explore the anti-senescence mechanism of Jinchan Yishen Tongluo Formula (JCYSTLF) in diabetic kidneys. Heliyon, 10(9), e29364.