

# Resource Summary Report

Generated by PRECISE-TBI on Sep 20, 2026

## Babel

RRID:SCR\_004307

Type: Tool

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### Proper Citation

Babel (RRID:SCR\_004307)

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### Resource Information

**URL:** [http://taylorlab.ucsf.edu/software\\_data.html](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:** data analysis software, data processing software, software application, software resource

**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:** 20260919T195035+0000

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### Ratings and Alerts

No rating or validation information has been found for Babel.

No alerts have been found for Babel.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 175 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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.

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.

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.

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

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).

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.

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.

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).

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.

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.

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.