Resource Summary Report

Generated by ASWG on Aug 23, 2026

PRECISE

RRID:SCR_007874
Type: Tool

Proper Citation

PRECISE (RRID:SCR_007874)

Resource Information

URL: http://cagt.bu.edu/page/PRECISE_about

Proper Citation: PRECISE (RRID:SCR_007874)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May 12,2023. Database of interactions between amino acid residues of enzyme and its ligands. Provides summary of interactions between amino acid residues of enzyme and its various ligands including substrate and transition state analogues, cofactors, inhibitors, and products., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: PRECISE

Synonyms: Predicted and Consensus Interaction Sites in Enzymes

Resource Type: data or information resource, database

Keywords: enzyme, enzyme and enzyme nomenclature databases, function, align, amino acid, analogue, atom, chain, cofactor, complex, hydrogen bond, inhibitor, interaction, ligand, product, residue, sequence, structure, substrate, transition state

Funding: NSF

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: PRECISE

Resource ID: SCR_007874

Alternate IDs: nif-0000-21331, SCR_008230

Old URLs: http://precise.bu.edu/precisedb/

Record Creation Time: 20220129T080244+0000

Record Last Update: 20260821T193828+0000

Ratings and Alerts

No rating or validation information has been found for PRECISE.

No alerts have been found for PRECISE.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Gnanapragasam VJ, et al. (2025) The 5-year results of the Stratified Cancer Active Surveillance programme for men with prostate cancer. BJU international, 135(5), 851.

Lim C, et al. (2025) Clinical Implementation of Nephrologist-Led Genomic Testing for Glomerular Diseases in Singapore: Rationale and Protocol. American journal of nephrology, 56(2), 158.

Zhou H, et al. (2025) Deep learning-based brain age predicts stroke recurrence in acute ischemic cerebrovascular disease. NPJ digital medicine, 8(1), 750.

Negi AS, et al. (2025) Remote real time digital monitoring fills a critical gap in the management of Parkinson's disease. NPJ Parkinson's disease, 11(1), 239.

Acera-Mateos M, et al. (2025) Systematic evaluation of single-cell multimodal data integration for comprehensive human reference atlas. bioRxiv : the preprint server for biology.

Churilov L, et al. (2025) Conducting descriptive epidemiology and causal inference studies using observational data: A 10-point primer for stroke researchers. European stroke journal, 10(2), 307.

Kinshella MW, et al. (2025) Community perspectives on maternal dietary diversity in rural Kenya, Mozambique and The Gambia: A PRECISE Network qualitative study. PLOS global public health, 5(4), e0004411.

Dafaalla M, et al. (2025) External Validation of the PRECISE-DAPT Cancer Score in Patients With Acute Myocardial Infarction. Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions, 106(3), 1912.

Zhou Q, et al. (2025) Obesity and brain volumes: mediation by cardiometabolic and inflammatory measures. Stroke and vascular neurology, 10(2).

Durfee C, et al. (2025) Tobacco smoke carcinogens exacerbate APOBEC mutagenesis and carcinogenesis. Research square.

Tsuru S, et al. (2025) Genetic properties underlying transcriptional variability across different perturbations. Nature communications, 16(1), 2421.

Frankel HN, et al. (2025) Occupational Physical Activity Among Pregnant Employees in the Danish Workforce: The PRECISE Occupational Cohort Profile. Clinical epidemiology, 17, 211.

Mugo AG, et al. (2025) Placental transfer of SARS-CoV-2 antibodies in mother-neonate pairs: a prospective nested cohort study. BMC infectious diseases, 25(1), 875.

Patel A, et al. (2023) Proteome allocation is linked to transcriptional regulation through a modularized transcriptome. bioRxiv : the preprint server for biology.

Sun ED, et al. (2023) TISSUE: uncertainty-calibrated prediction of single-cell spatial transcriptomics improves downstream analyses. bioRxiv : the preprint server for biology.

Dalldorf C, et al. (2023) The hallmarks of a tradeoff in transcriptomes that balances stress and growth functions. Research square.

Tian Y, et al. (2023) Associations of deep medullary veins with vascular risk factors, laboratory indicators, and cerebral small vessel disease: A population-based study. Brain and behavior, 13(5), e2974.

Shi B, et al. (2023) Prognostic Value of Machine-Learning-Based PRAISE Score for Ischemic and Bleeding Events in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention. Journal of the American Heart Association, 12(7), e025812.

Zhou M, et al. (2022) Insulin resistance based on postglucose load measure is associated with prevalence and burden of cerebral small vessel disease. BMJ open diabetes research & care, 10(5).

Pan Y, et al. (2022) Prevalence and Vascular Distribution of Multiterritorial Atherosclerosis Among Community-Dwelling Adults in Southeast China. JAMA network open, 5(6), e2218307.