

Resource Summary Report

Generated by [NIF](#) on Apr 20, 2025

MAPP

RRID:SCR_010775

Type: Tool

Proper Citation

MAPP (RRID:SCR_010775)

Resource Information

URL: <http://mendel.stanford.edu/SidowLab/downloads/MAPP/>

Proper Citation: MAPP (RRID:SCR_010775)

Description: Java program that predicts the impact of all possible amino acid substitutions on the function of the protein.

Abbreviations: MAPP

Synonyms: Multivariate Analysis of Protein Polymorphism, Multivariate Analysis of Protein Polymorphism:MAPP

Resource Type: software resource

Funding: NHGRI

Resource Name: MAPP

Resource ID: SCR_010775

Alternate IDs: OMICS_00132

Record Creation Time: 20220129T080300+0000

Record Last Update: 20250420T014508+0000

Ratings and Alerts

No rating or validation information has been found for MAPP.

No alerts have been found for MAPP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Cosse RL, et al. (2025) Improving the Long-Term Mechanical Properties of Thermoplastic Short Natural Fiber Compounds by Using Alternative Matrices. *Biomimetics* (Basel, Switzerland), 10(1).

Verheul EAH, et al. (2025) Prevalence, incidence, and complications of malnutrition in severely injured patients. *European journal of trauma and emergency surgery : official publication of the European Trauma Society*, 51(1), 72.

Ozawa T, et al. (2025) High-Resolution TG-TOFMS Coupled with Principal Component Analysis and Kendrick Mass Defect Analysis: Elucidation of Molecular-Scale Degradation Behavior of Glass Fiber Reinforced Polypropylene during Thermo-Oxidative Degradation. *Analytical chemistry*, 97(3), 1665.

Tsuchiya J, et al. (2024) Hepatitis B Virus-KMT2B Integration Drives Hepatic Oncogenic Processes in a Human Gene-edited Induced Pluripotent Stem Cells-derived Model. *Cellular and molecular gastroenterology and hepatology*, 19(2), 101422.

Zavaglia M, et al. (2024) Ground-truth validation of uni- and multivariate lesion inference approaches. *Brain communications*, 6(5), fcae251.

Al-Nakhle HH, et al. (2024) Elucidating the role of MLL1 nsSNPs: Structural and functional alterations and their contribution to leukemia development. *PloS one*, 19(10), e0304986.

Uflewski M, et al. (2024) The thylakoid proton antiporter KEA3 regulates photosynthesis in response to the chloroplast energy status. *Nature communications*, 15(1), 2792.

Abdullah S, et al. (2024) Distance and Angle Insensitive Radar-Based Multi-Human Posture Recognition Using Deep Learning. *Sensors* (Basel, Switzerland), 24(22).

Meisel SN, et al. (2024) Examining Caregiver Practices During Adolescent Outpatient Alcohol Use and Co-Occurring Mental Health Treatment: Protocol for a Dyadic Ecological Momentary Assessment Study. *JMIR research protocols*, 13, e63399.

Chandrasekaran FP, et al. (2024) Molecular dynamics simulations involving different ?-

propeller mutations reported in Swiss and French patients correlate with their disease phenotypes. *Scientific reports*, 14(1), 24133.

Koh HYK, et al. (2024) Machine learning optimized DriverDetect software for high precision prediction of deleterious mutations in human cancers. *Scientific reports*, 14(1), 22618.

Majd NK, et al. (2024) Metastatic extraneural glioblastoma diagnosed with molecular testing. *The oncologist*, 29(9), 811.

Yang X, et al. (2024) Genotypic and phenotypic spectrum of maple syrup urine disease in Zhejiang of China. *QJM : monthly journal of the Association of Physicians*, 117(10), 717.

Uddin MM, et al. (2024) Unraveling the potential effects of non-synonymous single nucleotide polymorphisms (nsSNPs) on the Protein structure and function of the human SLC30A8 gene on type 2 diabetes and colorectal cancer: An In silico approach. *Heliyon*, 10(17), e37280.

van Ee EPX, et al. (2024) The correlation of CT-derived muscle density, skeletal muscle index, and visceral adipose tissue with nutritional status in severely injured patients. *European journal of trauma and emergency surgery : official publication of the European Trauma Society*, 50(6), 3209.

Chen J, et al. (2024) Identification of Pathogenic Missense Mutations of NF1 Using Computational Approaches. *Journal of molecular neuroscience : MN*, 74(4), 94.

Ashok G, et al. (2024) Transcriptomic, mutational and structural bioinformatics approaches to explore the therapeutic role of FAP in predominant cancer types. *Discover oncology*, 15(1), 699.

Al-Rubaii M, et al. (2023) A Developed Robust Model and Artificial Intelligence Techniques to Predict Drilling Fluid Density and Equivalent Circulation Density in Real Time. *Sensors (Basel, Switzerland)*, 23(14).

Donkor A, et al. (2023) Mobile-Based Application Interventions to Enhance Cancer Control and Care in Low- and Middle-Income Countries: A Systematic Review. *International journal of public health*, 68, 1606413.

Xu C, et al. (2022) Global Landscape of Native Protein Complexes in *Synechocystis* sp. PCC 6803. *Genomics, proteomics & bioinformatics*, 20(4), 715.