

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

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

Abbreviations: MAPP

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

Resource Type: software resource

Funding: NHGRI

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: MAPP

Resource ID: SCR_010775

Alternate IDs: OMICS_00132

Record Creation Time: 20220129T080300+0000

Record Last Update: 20260829T182346+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 61 mentions in open access literature.

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

Khan A, et al. (2026) Computational hybrid framework integrating clinical-mutation profiling and physics-based simulations to predict structural tolerance of Bruton tyrosine kinase (BTK) and sustained ARQ 531 binding. *Current research in structural biology*, 11, 100186.

Khan A, et al. (2025) Exploring the Dynamic Interplay of Deleterious Variants on the RAF1-RAP1A Binding in Cancer: Conformational Analysis, Binding Free Energy, and Essential Dynamics. *Proteins*, 93(3), 684.

Demetriou L, et al. (2025) Exploring the value of a well-established conditioned pain modulation paradigm in women: a Translational Research in Pelvic Pain (TRiPP) study. *Frontiers in pain research (Lausanne, Switzerland)*, 6, 1439563.

Mansour K, et al. (2025) The value of social networks for men: concurrent and prospective associations with psychological wellbeing. *BMC psychology*, 13(1), 142.

Goldberg K, et al. (2025) Cell-autonomous innate immunity by proteasome-derived defence peptides. *Nature*, 639(8056), 1032.

Al-Hacham M, et al. (2025) The B.R.I.D.G.E. Program as an Exemplar of Nurse Led Multimodal Approaches to Address Colorectal Cancer Disparities and Opioid Deaths in Metro Detroit. *Inquiry : a journal of medical care organization, provision and financing*, 62, 469580251357071.

Shaon MA, et al. (2025) Aldo-keto reductase family 1 member C3 (AKR1C3) gene polymorphism (rs12529) is associated with breast cancer in Bangladeshi population: A case-control study and computational investigation. *PloS one*, 20(6), e0318079.

Zhi Y, et al. (2025) Stretchable composites with high oxide loading. *Nature communications*, 16(1), 3562.

Fernández-Suárez E, et al. (2025) New genetic diagnoses for inherited retinal dystrophies by integrating splicing tools into NGS pipelines. *NPJ genomic medicine*, 10(1), 52.

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.

Jin Y, et al. (2025) Clinical Characteristics and Genetic Variants in Children with PAX2 Mutation-Associated Disorders. *Medicina (Kaunas, Lithuania)*, 61(6).

Iqbal MW, et al. (2025) Exploring deleterious non-synonymous SNPs in FUT2 gene, and implications for norovirus susceptibility and gut microbiota composition. *Scientific reports*, 15(1), 10395.

Hossen MA, et al. (2025) Computational investigation unveils pathogenic LIG3 non-synonymous mutations and therapeutic targets in acute myeloid leukemia. *PloS one*, 20(6), e0320550.

Deriglazov D, et al. (2025) Burnout, Compassion Fatigue, and Compassion Satisfaction Interventions via Mobile Applications: A Systematic Review and a Meta-Analysis. *Worldviews on evidence-based nursing*, 22(3), e70033.

Verheul EAH, et al. (2025) Association of modified NUTRIC score for nutritional risk and in-hospital developed malnutrition in adults with severe injuries: a prospective observational cohort study. *European journal of trauma and emergency surgery : official publication of the European Trauma Society*, 51(1), 214.

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.

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.

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

Chandrasekaran FP, et al. (2024) Molecular dynamics simulations involving different γ -propeller mutations reported in Swiss and French patients correlate with their disease phenotypes. *Scientific reports*, 14(1), 24133.