

Resource Summary Report

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Prime

RRID:SCR_014887

Type: Tool

Proper Citation

Prime (RRID:SCR_014887)

Resource Information

URL: <https://www.schrodinger.com/Prime/>

Proper Citation: Prime (RRID:SCR_014887)

Description: Software package that uses homology modeling and fold recognition to make protein structure predictions.

Resource Type: software resource, software application

Keywords: software package, protein structure, protein strcuture prediction, homology modeling, fold recognition, drug design

Availability: Commercial

Resource Name: Prime

Resource ID: SCR_014887

License URLs: <https://www.schrodinger.com/terms-use>

Record Creation Time: 20220129T080322+0000

Record Last Update: 20260818T043508+0000

Ratings and Alerts

No rating or validation information has been found for Prime.

No alerts have been found for Prime.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 691 mentions in open access literature.

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

Pyun WY, et al. (2026) Nutrient Availability Dictates Cancer Metabolism-Based Therapeutic Responses to Nononcology Drugs. *Cancer research*, 86(5), 1194.

Feher A, et al. (2026) A kinetic trap mechanism underlies hHv1 inhibition by NZ-58. *The Journal of general physiology*, 158(4).

Wang J, et al. (2026) Cost-effectiveness of single-dose versus two-dose HPV vaccination: a Markov cohort modelling analysis of a Kenya-India LMIC composite. *Frontiers in public health*, 14, 1833764.

Jiang F, et al. (2026) Deep learning-guided dual-fitness evolution of T7 RNA polymerase for enhanced stability and activity. *Nucleic acids research*, 54(6).

Stahlecker J, et al. (2026) Covalent drug rescue of multiple p53 mutants by stabilizing vinyl sulfone fragments hints to a specific refolding mechanism for R282W. *Protein science : a publication of the Protein Society*, 35(6), e70629.

Zhang Z, et al. (2026) PRIME: a database for 16S rRNA microbiome data with phenotypic reference and comprehensive metadata. *Nucleic acids research*, 54(D1), D255.

Fognani A, et al. (2026) Effects of combined Mediterranean diet and physical activity intervention on the gut microbiome and disease progression in individuals with Parkinson's disease: study protocol for a multicenter, randomized controlled pilot study (PRIME study). *Frontiers in aging neuroscience*, 18, 1743490.

Wang C, et al. (2026) A Deep Learning-Driven Framework Integrating Organoid-Based Functional Validation Identifies Universal Neoantigens from Recurrent Glioma Mutations. *Cancer research*, 86(12), 3074.

Kahlous NA, et al. (2026) Molecular mechanisms of native ligand selectivity in catecholamine G protein-coupled receptors. *Nature communications*, 17(1).

Tanguay L, et al. (2026) Modeling the Impact of Behavior Changes on Mortality Attributable to Non-communicable Diseases in Canada. *Journal of preventive medicine and public health = Yebang Uihakhoe chi*, 59(2), 152.

Mohammed MZ, et al. (2026) Genetic Characterization of PRRSV Diversity and Detection of Other Pathogens in Live Virus Inoculation Material Used in Breeding Herd Stabilization Programs. *Microorganisms*, 14(6).

Stander S, et al. (2026) Dupilumab Improves Prurigo Activity and Severity in Patients with Prurigo Nodularis: A Post Hoc Analysis of Pooled Results from the PRIME and PRIME2 Trials. *Dermatology and therapy*, 16(6), 2829.

Janá? J, et al. (2026) Synthesis and Evaluation of Aromatic Sulfonamide and Disulfonamide Derivatives as Dengue Virus NS3-NS5 Interaction Inhibitors.

ChemMedChem, 21(11), e70337.

Huber F, et al. (2025) A comprehensive proteogenomic pipeline for neoantigen discovery to advance personalized cancer immunotherapy. *Nature biotechnology*, 43(8), 1360.

Cooke A, et al. (2025) The peers expanding engagement in stimulant harm reduction with contingency management study: a protocol paper. *Addiction science & clinical practice*, 20(1), 48.

Phansuea P, et al. (2025) Effectiveness of an *Arthrospira platensis* (Spirulina) Softgel Supplementation on Sleep Quality, Mental Health Status, and Body Mass Index in Mild to Moderately Severe Depression Adults: A Double-Blinded, Randomized, Placebo-Controlled Trial. *Food science & nutrition*, 13(3), e70082.

Kayama E, et al. (2025) 4-Hydroxy-2-nonenal causes nuclear accumulation of p62 by inhibiting Xpo1 and promoting the proteolytic pathway in the nucleus. *PloS one*, 20(2), e0316558.

Schädel M, et al. (2025) A 125 million-year-old freshwater isopod shines new light on the origin of subterranean freshwater species. *Royal Society open science*, 12(4), 241512.

Teoh KW, et al. (2025) A cost-effectiveness analysis alongside trial of a digital health-supported and community pharmacy-based prediabetes management programme (PRIME Programme) in Malaysia. *Diabetes, obesity & metabolism*, 27(6), 3324.

St-Onge-St-Hilaire A, et al. (2025) Paediatric resuscitation in regional Queensland: A simulation informed biopsy of current system challenges. *Emergency medicine Australasia : EMA*, 37(2), e70028.