Resource Summary Report

Generated by NIF on Aug 19, 2026

PRISM (Stanford database)

RRID:SCR_005375
Type: Tool

Proper Citation

PRISM (Stanford database) (RRID:SCR_005375)

Resource Information

URL: http://bejerano.stanford.edu/prism/public/html/

Proper Citation: PRISM (Stanford database) (RRID:SCR_005375)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May 5,2022.Tool that predicts interactions between transcription factors and their regulated genes from binding motifs. Understanding vertebrate development requires unraveling the cis-regulatory architecture of gene regulation. PRISM provides accurate genome-wide computational predictions of transcription factor binding sites for the human and mouse genomes, and integrates the predictions with GREAT to provide functional biological context. Together, accurate computational binding site prediction and GREAT produce for each transcription factor: 1. putative binding sites, 2. putative target genes, 3. putative biological roles of the transcription factor, and 4. putative cis-regulatory elements through which the factor regulates each target in each functional role., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: PRISM

Synonyms: Predicting Regulatory Information from Single Motifs

Resource Type: data or information resource, analysis service resource, database, production service resource, service resource, data analysis service

Defining Citation: PMID:23382538

Keywords: genomic, transcription factor, function, transcription factor binding site, transcription factor regulator, biological role, target gene, target genomic region, genome, FASEB list

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: PRISM (Stanford database)

Resource ID: SCR_005375

Alternate IDs: OMICS_00489

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260819T044128+0000

Ratings and Alerts

No rating or validation information has been found for PRISM (Stanford database).

No alerts have been found for PRISM (Stanford database).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 40822 mentions in open access literature.

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

Mao S, et al. (2026) Loss of cyclin C drives resistance to anti-TIGIT therapy by upregulating CD155-mediated immune evasion. Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy, 84, 101318.

Onimus A, et al. (2026) Taxane chemotherapy promotes response to TIM-3 checkpoint blockade via STING-mediated ER stress and HMGB1 secretion. Cell reports. Medicine, 7(5), 102788.

Zwick M, et al. (2026) FLT3-ITD Induces CMTM6 and Enhances Immune Escape in Acute Myeloid Leukemia. Cancer research, 86(2), 367.

Shimoda T, et al. (2026) LPA4 in the spinal dorsal horn is a potential therapeutic target for inflammatory pain and neuropathic mechanical hypersensitivity. iScience, 29(8), 116845.

Radke K, et al. (2026) Repurposing statins and phenothiazines to treat chemoresistant neuroblastoma. EMBO molecular medicine, 18(2), 433.

Ghovanloo MR, et al. (2026) Nav1.8 Variant I206M as a Latent Susceptibility Factor in Postaxotomy Ocular Pain. Neurology. Genetics, 12(2), e200367.

Bandi DSR, et al. (2026) ADT-030, a novel PDE10 inhibitor, demonstrates potent antitumor activity in pancreatic ductal adenocarcinoma. bioRxiv : the preprint server for biology.

Zhu Z, et al. (2026) A neurovascular survival axis for adult sympathetic neurons. Neuron.

Hasegawa K, et al. (2026) Age-related decline in nuclear envelope LINC complex drives neuronal aging via axon initial segment dysfunction. EMBO reports, 27(13), 3788.

Alouche N, et al. (2026) Homeostatic mature dendritic cells instruct fibroblast specialization via Notch2 signaling to establish T cell niches. Immunity, 59(6), 1688.

Sonoda T, et al. (2025) Limited transmission of mixed convergent signals at the mouse retinogeniculate synapse. Neuron.

Nakamura Y, et al. (2025) Microglial ?7-Nicotinic Acetylcholine Receptors Are Expressed in Mitochondria Rather Than on the Plasma Membrane: Roles in Mitochondrial Function. Journal of neurochemistry, 169(6), e70139.

Hänggi K, et al. (2025) Protocol for specific induction of apoptosis or necroptosis in established murine tumors. STAR protocols, 6(4), 104185.

Azzam N, et al. (2025) Modeling High-Risk Pediatric Cancers in Zebrafish to Inform Precision Therapy. Cancer research communications, 5(7), 1215.

Sviercovich A, et al. (2025) Oxytocin treatment reduces cancer cachexia in a pre-clinical model. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 193, 118825.

Müller-Schiffmann A, et al. (2025) Oxidized MIF is an Alzheimer's disease drug target relaying external risk factors to tau pathology. Cell reports. Medicine, 102520.

Lindström L, et al. (2025) Targeting TUBG1 in RB1-negative tumors. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(5), e70431.

Kuzuoglu-Ozturk D, et al. (2025) Small-molecule RNA therapeutics to target prostate cancer. Cancer cell, 43(5), 841.

Ghovanloo MR, et al. (2025) In vitro inhibition of voltage-dependent sodium currents by the antifungal drug amorolfine. The Journal of biological chemistry, 301(4), 108407.

Wu Y, et al. (2025) Pro-ferroptotic lipids as key control points for caveola formation and disassembly. Cell reports, 44(6), 115789.