

Resource Summary Report

Generated by [dkNET](#) on Aug 14, 2026

Harmonizome

RRID:SCR_016176

Type: Tool

Proper Citation

Harmonizome (RRID:SCR_016176)

Resource Information

URL: <http://amp.pharm.mssm.edu/Harmonizome/>

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Description: Web application that allows for searching, visualization, and prediction about genes and proteins. It contains a collection of processed datasets gathered to serve and mine knowledge about genes and proteins from major online resources.

Resource Type: web application, data or information resource, data processing software, software application, data visualization software, database, software resource

Defining Citation: [PMID:27374120](#)

Keywords: gene, protein, visualization, search, prediction, functional

Funding: BD2K-LINCS Data Coordination and Integration Center ;
Illuminating the Druggable Genome ;
Knowledge Management Center ;
NIGMS R01 GM098316;
NHLBI U54 HL127624;
NCI U54 CA189201

Availability: Freely available, Free, Available for download

Resource Name: Harmonizome

Resource ID: SCR_016176

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260814T042923+0000

Ratings and Alerts

No rating or validation information has been found for Harmonizome.

No alerts have been found for Harmonizome.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 142 mentions in open access literature.

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

Pruitt A, et al. (2026) Estradiol modulates neuronal network hyperexcitability in select NDD risk genes. bioRxiv : the preprint server for biology.

Su Y, et al. (2026) Systematic modeling predicts synergistic and safe drug combinations for parasitic diseases. PLoS neglected tropical diseases, 20(2), e0013991.

Strey K, et al. (2026) Computational identification of novel therapeutic candidates for Streptococcus pyogenes and influenza A coinfections through transcriptomic-based drug repositioning. BMC microbiology, 26(1).

He J, et al. (2026) GPX7 marks fibroblast-associated stromal-innate immune crosstalk in ulcerative colitis. Frontiers in immunology, 17, 1856998.

Moberget T, et al. (2026) The genetic architecture of human cerebellar morphology supports a key role for the cerebellum in human evolution and psychopathology. Communications biology, 9(1).

Jackson-Strong M, et al. (2026) GATA2 controls alveolar macrophage inflammatory gene expression and metabolic function. JCI insight, 11(7).

Liu YW, et al. (2026) Integrative Analysis of Glycosylation-Related Genes Reveals Prognostic Subtypes, Immune Evasion, and Therapeutic Vulnerabilities in Lung Adenocarcinoma. Oncology research, 34(7), 18.

Srinivasan D, et al. (2026) DKK3 Initially Preserves Acinar Integrity Through MEK-Fos Signaling, but Later Switches to an Oncogenic Role in Pancreatic Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(3), e17606.

Maher S, et al. (2026) MYCN inhibits TrkC-mediated differentiation in neuroblastoma cells via disruption of the PKA signalling pathway. Cell death discovery, 12(1).

Okubo R, et al. (2026) Mixing features of transcription factors and genes enable accurate prediction of gene regulation relationships for unknown transcription factors. NAR genomics and bioinformatics, 8(1), lqag022.

Anjum SH, et al. (2026) Cerebral Venous Thrombosis in Previously Healthy Patients with Cryptococcal Meningitis. *The Journal of infectious diseases*, 233(2), e561.

Nakayama C, et al. (2026) NELF prevents transcriptional readthrough into DNA replication zones in cancer cells. *EMBO reports*, 27(7), 1720.

Padam KSR, et al. (2025) Multifaceted regulation of the HOX cluster and its implications in oral cancer. *Clinical epigenetics*, 17(1), 126.

Yunes-Leites PS, et al. (2025) Phosphatase-independent activity of smooth-muscle calcineurin orchestrates a gene expression program leading to hypertension. *PLoS biology*, 23(5), e3003163.

Zeller I, et al. (2025) Age-dependent gene expression trajectories during early childhood in children at increased risk for type 1 diabetes. *Genes and immunity*, 26(2), 173.

Qian Y, et al. (2025) Multi-omics analysis of the effects of pla2g4a on the prognosis of various cancers and its experimental validation in breast cancer cell lines. *Discover oncology*, 16(1), 1278.

Ott R, et al. (2025) Blood methylome signatures in children exposed to maternal type 1 diabetes are linked to protection against islet autoimmunity. *Nature metabolism*, 7(11), 2236.

Park IY, et al. (2025) A novel cardiomyopathy phenotype linked to a CHD7 missense variant. *Scientific reports*, 15(1), 19429.

Okano LM, et al. (2025) Identification of Epigenetic Regulatory Networks of Gene Methylation-miRNA-Transcription Factor Feed-Forward Loops in Basal-like Breast Cancer. *Cells*, 14(16).

Gao M, et al. (2025) Targeting the KLF5/PI3K/AKT axis as a therapeutic strategy to overcome neoadjuvant chemoresistance in colorectal cancer. *Frontiers in immunology*, 16, 1593639.