

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

DGIdb

RRID:SCR_006608

Type: Tool

Proper Citation

DGIdb (RRID:SCR_006608)

Resource Information

URL: <http://dgidb.genome.wustl.edu/>

Proper Citation: DGIdb (RRID:SCR_006608)

Description: A database of drug-gene relationships that provides drug-gene interactions and potential druggability data given list of genes. There are about 15 data sources that are being aggregated by DGIdb, with update date and these data sources are listed on this page: <http://dgidb.genome.wustl.edu/sources>, THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: DGIdb

Synonyms: Drug-Gene Interaction database, Drug Gene Interaction Database

Resource Type: application programming interface, data access protocol, data or information resource, database, software resource

Defining Citation: [PMID:24122041](#)

Keywords: drug, gene, interaction, bio.tools, FASEB list

Related Condition: Cancer

Funding: NHGRI U54 HG003079

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: DGIdb

Resource ID: SCR_006608

Alternate IDs: nlx_155686, biotools:DGIdb, OMICS_01579

Alternate URLs: <https://bio.tools/DGIdb>

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260905T132557+0000

Ratings and Alerts

No rating or validation information has been found for DGIdb.

No alerts have been found for DGIdb.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 408 mentions in open access literature.

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

Sharma R, et al. (2026) Comprehensive in silico analysis of genetic landscape and pathways involved in Stickler syndrome. PloS one, 21(2), e0343405.

Yao H, et al. (2026) Hub genes and molecular mechanisms related to hypospadias based on transcriptome sequencing data and bioinformatics analysis. BMC medical genomics, 19(1).

Cao Z, et al. (2026) Study on the mechanism of PSENEN in modulating cisplatin resistance in NSCLC through stromal cell interactions. International immunopharmacology, 169, 116037.

He Y, et al. (2026) Mitochondrial-related biomarkers as the diagnostic markers in sepsis induced acute respiratory distress syndrome. European journal of medical research, 31(1), 199.

Zha X, et al. (2026) Screening macrophage polarization genes in spinal cord injury as therapeutic targets. PloS one, 21(5), e0347599.

Ling H, et al. (2026) Comprehensive analysis of ATF3 as a diagnostic and prognostic biomarker from pan-cancer to clear cell renal cell carcinoma. Discover oncology, 17(1).

Chen Y, et al. (2026) Identification of metabolism and inflammation-related biomarkers and potential drugs for schizophrenia based on comprehensive bioinformatics and machine learning. BMC psychiatry, 26(1).

Shi X, et al. (2026) FGF23 and Immune Cell Signatures Causally Linked to Subarachnoid Hemorrhage: Evidence From Multi-Omics and Genetic Colocalization. Brain and behavior, 16(5), e71485.

Xiang T, et al. (2026) Therapeutic Targets for Lung Squamous Cell Carcinoma: Proteome-Wide Mendelian Randomization and Potential Drug Prediction. *The clinical respiratory journal*, 20(3), e70182.

Chen T, et al. (2026) Identification and Experimental Validation of Biomarkers Associated with PI3K/AKT Signaling Pathway in Spinal Cord Injury. *Molecular neurobiology*, 63(1).

Müller D, et al. (2025) EpigenPlot: An interactive web platform for DNA methylation-based biomarker and drug target discovery in colorectal cancer. *British journal of pharmacology*, 182(7), 1452.

Chen Y, et al. (2025) A Machine Learning-Based Strategy Predicts Selective and Synergistic Drug Combinations for Relapsed Acute Myeloid Leukemia. *Cancer research*, 85(14), 2753.

Alfaro-García JP, et al. (2025) Characterization of the Temporal Dynamics of the Endothelial-Mesenchymal-like Transition Induced by Soluble Factors from Dengue Virus Infection in Microvascular Endothelial Cells. *International journal of molecular sciences*, 26(5).

Yukui T, et al. (2025) Utilising bioinformatics and molecular docking technology to explore the underlying mechanisms of intervertebral disc degeneration with potential therapeutic drugs and formulas. *Journal of global health*, 15, 04298.

Teixeira LCR, et al. (2025) Common miRNAs, Genes, and Regulatory Pathways in Alzheimer's Disease and Type 2 Diabetes Mellitus: An Integrative Analysis of Systematic Reviews, Bioinformatics and Data Mining. *Journal of neurochemistry*, 169(8), e70196.

Zhang J, et al. (2025) Integrated bioinformatics analysis of the effects of chronic pain on patients with spinal cord injury. *Frontiers in cellular neuroscience*, 19, 1457740.

Ma Y, et al. (2025) Systematic dissection of pleiotropic loci and critical regulons in excitatory neurons and microglia relevant to neuropsychiatric and ocular diseases. *Translational psychiatry*, 15(1), 24.

Li J, et al. (2025) Identification of four key genes related to the diagnosis of chronic obstructive pulmonary disease using bioinformatics analysis. *Frontiers in genetics*, 16, 1499996.

Jiang X, et al. (2025) Identification of Oxidative Stress-Associated Biomarkers in Chronic Obstructive Pulmonary Disease: An Integrated Bioinformatics Analysis. *International journal of chronic obstructive pulmonary disease*, 20, 841.

Wang S, et al. (2025) Bioinformatics analysis of genes associated with disulfidptosis in spinal cord injury. *PloS one*, 20(2), e0318016.