# Resource Summary Report

Generated by ASWG on Aug 2, 2026

## GeneCards

RRID:SCR_002773
Type: Tool

### Proper Citation

GeneCards (RRID:SCR_002773)

### Resource Information

**URL:** http://genecards.org

**Proper Citation:** GeneCards (RRID:SCR_002773)

**Description:** Database of human genes that provides concise genomic, proteomic, transcriptomic, genetic and functional information on all known and predicted human genes. Information featured in GeneCards includes orthologies, disease relationships, mutations and SNPs, gene expression, gene function, pathways, protein-protein interactions, related drugs and compounds and direct links to cutting edge research reagents and tools such as antibodies, recombinant proteins, clones, expression assays and RNAi reagents.

**Abbreviations:** GeneCards

**Synonyms:** GeneCards - The Human Gene Compendium

**Resource Type:** data or information resource, database

**Defining Citation:** PMID:20689021

**Keywords:** genome, human gene, genome, gene, genomic, proteomic, transcriptomic, genetic, function, ortholog, disease, mutation, single nucleotide polymorphism, gene expression, gene function, pathway, protein-protein interaction, drug, compound, reagent, antibody, recombinant protein, clone, expression assay, rnai reagent, FASEB list

**Availability:** Free, Freely available

**Resource Name:** GeneCards

**Resource ID:** SCR_002773

**Alternate IDs:** nif-0000-02879, OMICS_01652, r3d100012015

**Alternate URLs:** http://bioinfo.weizmann.ac.il/genecards/, https://doi.org/10.17616/R3D643

**Record Creation Time:** 20220129T080215+0000

**Record Last Update:** 20260801T190911+0000

## Ratings and Alerts

No rating or validation information has been found for GeneCards.

No alerts have been found for GeneCards.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 6546 mentions in open access literature.

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


Yan Y, et al. (2026) Mitochondrial protection role of oxidoreductase-like domain containing 1 in myocardial cells under hypoxia. Medical gas research, 16(2), 116.

Li X, et al. (2026) Dynamic transcriptomic landscape of myogenesis in Muscovy ducks (Cairina moschata): integrative analysis of hub genes post-hatching. Animal bioscience, 39(1), 250159.

Yang R, et al. (2026) Exploring and Validating the Molecular Mechanisms Linking Fatty Acid Metabolism and Sarcopenia. IET systems biology, 20(1), e70052.

Rychlicka-Buniowska E, et al. (2026) Loss of Y chromosome in Alzheimer's patients co-occurs with somatic mutations beyond CHIP drivers. Life science alliance, 9(2).

Zhang K, et al. (2026) Pharmacologically inherited carbon dots from Salvia miltiorrhiza with potent antioxidant activity and multi-pathway modulation for myocardial ischemia-reperfusion injury therapy. Theranostics, 16(4), 1855.

Huang L, et al. (2026) New insight into the epidemiological trends of respiratory syncytial virus infection and the underlying anti-respiratory syncytial virus mechanisms of andrographolide: integrating Global Burden of Disease database, network pharmacological analysis, and in vitro experiments. Microbiology spectrum, 14(1), e0234125.

Panagopoulou M, et al. (2026) ?ovel methylation biomarkers in liquid biopsy and classifying biosignatures for the clinical management of breast cancer. Breast cancer research : BCR, 28(1), 1.

Liu J, et al. (2026) Dietary supplementation with Eucommia ulmoides improves production performance, egg quality, meat characteristics and physiological status of aging laying hens. Poultry science, 105(1), 106156.

Chen H, et al. (2026) Dual-pathway mechanism of vanadium-induced hepatotoxicity in ducks: Synergistic crosstalk between glucose homeostasis disruption and NADH/FSP1/COQ10 axis-driven ferroptosis. International journal of biological sciences, 22(1), 43.

Cheng M, et al. (2026) Targeting p38 MAPK signaling pathway:  Quercetin as a novel therapy for TMJ synovitis. International journal of molecular medicine, 57(1).

Liu K, et al. (2026) Fuzheng Jiedu formula attenuates acute pneumonia by coordinated regulation of macrophage NLRP3 inflammasome and neutrophil NETs. Chinese medicine, 21(1), 1.

Zhao Q, et al. (2026) Mafu Yishen Formula ameliorates membranous nephropathy by promotion of regulatory T cell differentiation: a multi-omics study. Chinese medicine, 21(1), 5.

Li Y, et al. (2026) PLIN5 deficiency ameliorates metabolic dysfunction?associated fatty liver disease by inhibiting ferroptosis. Molecular medicine reports, 33(1).

Zhu W, et al. (2026) Schisantherin A induces ferroptosis in non?small cell lung cancer through activation of the YAP/ACSL4/TfR signaling pathway. Molecular medicine reports, 33(1).

Li L, et al. (2026) Hyperoside prevents osteoporosis by activating the PI3K/AKT signaling pathway to inhibit oxidative stress and promote osteogenesis. Molecular medicine reports, 33(2).

Liu Y, et al. (2026) Identification and Analysis of PANoptosis Associated with Coronary Artery Disease Using Integrated Bioinformatics Methods. Iranian journal of biotechnology, 24(1), e4080.

Wang Z, et al. (2026) Integrated Network Pharmacology, Single-Cell Transcriptomics Unveil the Mechanistic Role of Morusin in Aortic Dissection. Journal of cellular and molecular medicine, 30(1), e70971.

Xiang F, et al. (2026) Integrative multiomics analysis reveals the ameliorative effects of Xiasangju on metabolic dysfunction-associated steatohepatitis. Chinese medicine, 21(1), 3.

Lyu TT, et al. (2025) The sodium-glucose co-transporter 2 inhibitor, empagliflozin, attenuates pulmonary vascular remodelling by inhibiting the phosphorylation of PDGF receptor-?. British journal of pharmacology.

Rodemann MM, et al. (2025) Identification of a Growth-Promoting Gene Cluster in the Region 2q24 as a Driver of Tumorigenesis in Childhood Hepatoblastoma. The American journal of pathology, 195(8), 1553.