HGNC

RRID:SCR_002827
Type: Tool

Proper Citation

HGNC (RRID:SCR_002827)

Resource Information

URL: http://www.genenames.org/

Proper Citation: HGNC (RRID:SCR_002827)

Description: Worldwide authority that approves standardized nomenclature to gene name and symbol, short form abbreviation, for each known human gene and stores all approved symbols in HGNC database. Approved human gene nomenclature. Database of gene symbols. Manually curated genes into family sets based on shared characteristics such as homology, function or phenotype. Data for protein-coding genes, pseudogenes, non-coding RNAs, phenotypes and genomic features.

Synonyms: HUGO Gene Nomenclature Committee, HGNC Database, HGNC - HUGO Gene Nomenclature Committee, Human Genome Organization Gene Symbols

Resource Type: database, service resource, data or information resource, portal, organization portal, controlled vocabulary

Defining Citation: PMID:20929869

Keywords: gene, owl, gene symbol, phenotype, nomenclature, gene family, genomic, proteomic, ortholog, web service, locus, protein coding, genetics, gold standard, bio.tools, FASEB list

Funding Agency: NHGRI , Wellcome Trust

Availability: Free, Freely available

Resource Name: HGNC
Resource ID: SCR_002827

Alternate IDs: nif-0000-02955, biotools:genenames.org


Ratings and Alerts

No rating or validation information has been found for HGNC.

No alerts have been found for HGNC.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 793 mentions in open access literature.

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


Jaouadi H, et al. (2023) Expanding the phenome and variome of the ROBO-SLIT pathway in congenital heart defects: toward improving the genetic testing yield of CHD. Journal of translational medicine, 21(1), 160.


Frank MM, et al. (2023) Experience-dependent flexibility in a molecularly diverse central-to-peripheral auditory feedback system. eLife, 12.

Young B, et al. (2023) The Identification of Human Translational Biomarkers of Neuropathic Pain and Cross-Species Validation Using an Animal Model. Molecular neurobiology, 60(3),


Mishal R, et al. (2022) Role of the TATA-box binding protein (TBP) and associated family members in transcription regulation. Gene, 833, 146581.

