

Resource Summary Report

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VGNC

RRID:SCR_017514

Type: Tool

Proper Citation

VGNC (RRID:SCR_017514)

Resource Information

URL: <https://vertebrate.genenames.org/>

Proper Citation: VGNC (RRID:SCR_017514)

Description: Software resource for vertebrate gene nomenclature. Database of gene symbols. Coordinates with vertebrate nomenclature committees, MGNC (mouse), RGNC (rat), CGNC (chicken), AGNC (Anole green lizard), XNC (Xenopus frog) and ZNC (zebrafish), to ensure genes are named in line with their human homologs.

Synonyms: Vertebrate Gene Nomenclature Committee

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

Keywords: Vertebrate, gene, nomenclature, data, symbol

Funding: NHGRI U24 HG003345;
Wellcome Trust

Availability: Free, Freely available

Resource Name: VGNC

Resource ID: SCR_017514

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260808T190440+0000

Ratings and Alerts

No rating or validation information has been found for VGNC.

No alerts have been found for VGNC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Seal RL, et al. (2026) Genenames.org: the HGNC and PGNC resources in 2026. Nucleic acids research, 54(D1), D1098.

Smith JR, et al. (2025) Standardized pipelines support and facilitate integration of diverse datasets at the Rat Genome Database. Database : the journal of biological databases and curation, 2025.

Bj??rnestad SA, et al. (2024) The Atlantic Cod MHC I compartment has the properties needed for cross-presentation in the absence of MHC II. Scientific reports, 14(1), 25404.

Theofanopoulou C, et al. (2023) Reply to: The case for standardizing gene nomenclature in vertebrates. Nature, 614(7948), E33.

Seal RL, et al. (2023) Genenames.org: the HGNC resources in 2023. Nucleic acids research, 51(D1), D1003.

Peters LM, et al. (2022) Identification of regenerating island-derived protein 3E in dogs. Frontiers in veterinary science, 9, 1010809.

Braschi B, et al. (2022) Consensus nomenclature for dyneins and associated assembly factors. The Journal of cell biology, 221(2).

Seal RL, et al. (2022) A standardized nomenclature for mammalian histone genes. Epigenetics & chromatin, 15(1), 34.

Ho M, et al. (2022) Update of the keratin gene family: evolution, tissue-specific expression patterns, and relevance to clinical disorders. Human genomics, 16(1), 1.

Dornburg A, et al. (2022) Placing human gene families into their evolutionary context. Human genomics, 16(1), 56.

Tweedie S, et al. (2021) Genenames.org: the HGNC and VGNC resources in 2021. Nucleic acids research, 49(D1), D939.

Yates B, et al. (2021) Updates to HCOP: the HGNC comparison of orthology predictions tool. Briefings in bioinformatics, 22(6).

Braschi B, et al. (2021) The risks of using unapproved gene symbols. American journal of human genetics, 108(10), 1813.

Takahashi KK, et al. (2020) Duplication with structural modification through extrachromosomal circular and lariat DNA in the human genome. Scientific reports, 10(1),

7150.