

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

Genomicus

RRID:SCR_011791

Type: Tool

Proper Citation

Genomicus (RRID:SCR_011791)

Resource Information

URL: <http://www.genomicus.biologie.ens.fr/genomicus-72.01/cgi-bin/search.pl>

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Description: A genome browser that enables users to navigate in genomes in several dimensions: linearly along chromosome axes, transversally across different species, and chronologically along evolutionary time.

Abbreviations: Genomicus

Resource Type: database, data or information resource

Defining Citation: [PMID:23193262](#)

Keywords: genome, gene, synteny, browser, FASEB list

Resource Name: Genomicus

Resource ID: SCR_011791

Alternate IDs: OMICS_00914

Record Creation Time: 20220129T080306+0000

Record Last Update: 20260808T190422+0000

Ratings and Alerts

No rating or validation information has been found for Genomicus.

No alerts have been found for Genomicus.

Data and Source Information

Usage and Citation Metrics

We found 57 mentions in open access literature.

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

Morini M, et al. (2026) Evolution in metazoans of the TRPM channel family involves multiple gains and losses of genes and domains. *Molecular biology and evolution*, 43(5).

Dong Z, et al. (2026) Piezo3 is a novel mechanosensitive Piezo ion channel in vertebrates. *bioRxiv : the preprint server for biology*.

Emerling CA, et al. (2026) Pseudogenes document protracted parallel regression of oral anatomy in myrmecophagous mammals. *Molecular biology and evolution*, 43(2).

Wu K, et al. (2026) Evolutionary analysis of vertebrate KCNH voltage-gated potassium channels and their expression in zebrafish embryos. *bioRxiv : the preprint server for biology*.

Borchel A, et al. (2026) Fuelled by creatine: exploring two copies of the creatine transporter SLC6A8 gene in rainbow trout. *Fish physiology and biochemistry*, 52(3).

Allio R, et al. (2025) Transcriptomic Data Reveal Divergent Paths of Chitinase Evolution Underlying Dietary Convergence in Anteaters and Pangolins. *Genome biology and evolution*, 17(2).

Merello Oyarzún G, et al. (2025) Evolutionary and Functional Analysis of Monoamine Oxidase F: A Novel Member of the Monoamine Oxidase Gene Family. *Genome biology and evolution*, 17(2).

Qin X, et al. (2025) Goldfish phoenixin: (I) structural characterization, tissue distribution, and novel function as a feedforward signal for feeding-induced food intake in fish model. *Frontiers in endocrinology*, 16, 1570716.

Vélez EJ, et al. (2025) Endosomal microautophagy is activated by specific cellular stresses in trout hepatocytes. *Scientific reports*, 15(1), 39347.

Chen B, et al. (2025) Functional analysis of key members affecting egg production in the transglutaminase gene family in chickens. *Poultry science*, 104(2), 104794.

Ferez-Puche M, et al. (2024) Identification of a Novel γ -Defensin Gene in Gilthead Seabream (*Sparus aurata*). *Marine biotechnology (New York, N.Y.)*, 26(6), 1219.

Roy J, et al. (2023) Characterization of free fatty acid receptor family in rainbow trout (*Oncorhynchus mykiss*): towards a better understanding of their involvement in fatty acid signalisation. *BMC genomics*, 24(1), 130.

Losilla M, et al. (2023) Molecular evolution of the ependymin-related gene *epdl2* in African weakly electric fish. *G3 (Bethesda, Md.)*, 13(3).

Gamboa M, et al. (2023) Evolutionary mechanisms underlying the diversification of nuclear factor of activated T cells across vertebrates. *Scientific reports*, 13(1), 6468.

Zheng Z, et al. (2023) Phylogenetic and expression analysis of the angiopoietin-like gene family and their role in lipid metabolism in pigs. *Animal bioscience*, 36(10), 1517.

Opazo JC, et al. (2022) Identification of multiple TAR DNA binding protein retropseudogene lineages during the evolution of primates. *Scientific reports*, 12(1), 3823.

Cardona E, et al. (2022) Physical Enrichment Triggers Brain Plasticity and Influences Blood Plasma Circulating miRNA in Rainbow Trout (*Oncorhynchus mykiss*). *Biology*, 11(8).

Parey E, et al. (2022) An atlas of fish genome evolution reveals delayed rediploidization following the teleost whole-genome duplication. *Genome research*, 32(9), 1685.

Xu Y, et al. (2022) Chicken CDS2 isoforms presented distinct spatio-temporal expression pattern and regulated by insulin in a breed-specific manner. *Poultry science*, 101(6), 101893.

Chen Y, et al. (2022) C/EBPZ modulates the differentiation and proliferation of preadipocytes. *International journal of obesity* (2005), 46(3), 523.