

Resource Summary Report

Generated by ASWG on Aug 24, 2026

HOVERGEN: Database of homologous vertebrate genes

RRID:SCR_008128

Type: Tool

Proper Citation

HOVERGEN: Database of homologous vertebrate genes (RRID:SCR_008128)

Resource Information

URL: <http://pbil.univ-lyon1.fr/databases/hovergen.php>

Proper Citation: HOVERGEN: Database of homologous vertebrate genes (RRID:SCR_008128)

Description: HOVERGEN is a database of homologous vertebrate genes, structured under ACNUC sequence database management system. It allows one to select sets of homologous genes among vertebrate species, and to visualize multiple alignments and phylogenetic trees. HOVERGEN is particularly useful for comparative sequence analysis, phylogeny and molecular evolution studies. More generally, HOVERGEN gives an overall view of what is known about a peculiar gene family.

Synonyms: HOVERGEN

Resource Type: data or information resource, database

Keywords: homologous vertebrate gene, phylogenetic tree

Resource Name: HOVERGEN: Database of homologous vertebrate genes

Resource ID: SCR_008128

Alternate IDs: nif-0000-20929

Record Creation Time: 20220129T080245+0000

Record Last Update: 20260821T193835+0000

Ratings and Alerts

No rating or validation information has been found for HOVERGEN: Database of homologous vertebrate genes.

No alerts have been found for HOVERGEN: Database of homologous vertebrate genes.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li N, et al. (2019) Hippo pathway regulates somatic development and cell proliferation of silkworm. Genomics, 111(3), 391.

Miura S, et al. (2015) Using Disease-Associated Coding Sequence Variation to Investigate Functional Compensation by Human Paralogous Proteins. Evolutionary bioinformatics online, 11, 245.

Cao J, et al. (2009) Evolution of the class C GPCR Venus flytrap modules involved positive selected functional divergence. BMC evolutionary biology, 9, 67.

D'Onofrio G, et al. (2007) Different functional classes of genes are characterized by different compositional properties. FEBS letters, 581(30), 5819.