

Resource Summary Report

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Chicken Variation Database

RRID:SCR_007595

Type: Tool

Proper Citation

Chicken Variation Database (RRID:SCR_007595)

Resource Information

URL: <http://chicken.genomics.org.cn>

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Description: ChickVD hosts high-quality sequence variation data, variation analysis in the context of chicken genes, cDNAs, chicken orthologs of human disease genes, genetic markers, quantitative trait loci (QTLs) etc . All data are uniquely mapped onto the RJF draft genome and graphically represented in MapView, an efficient visualization tool that allows users to browse sequence variations in the genomic and functional context. The sub-viewer TraceView assists users to view the vivid graphics of the original traces around the detected SNP. Users may query the data by the online search tool and define concrete limitations to extract records that are best suited to their research needs. For the convenience of data presentation in ChickVD, different types of sequence variations (substitutions, insertions or deletions) are all referred as "SNPs". ChickVD is updated constantly as more data generated and is under the continued improvement for its content and functionality

Synonyms: ChickVD

Resource Type: data or information resource, database

Keywords: chicken, chicken cdna, chicken gene, chicken genetics, chicken genome, chicken ortholog of human gene, chicken quantitative trait loci, genome visualization, mapview, traceview

Funding:

Resource Name: Chicken Variation Database

Resource ID: SCR_007595

Alternate IDs: nif-0000-02658

Record Creation Time: 20220129T080242+0000

Record Last Update: 20250426T055942+0000

Ratings and Alerts

No rating or validation information has been found for Chicken Variation Database.

No alerts have been found for Chicken Variation Database.

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 [FDI Lab - SciCrunch.org](#).

Webb AE, et al. (2018) Narrowing the wingless-2 mutation to a 227 kb candidate region on chicken chromosome 12. Poultry science, 97(6), 1872.

Wright D, et al. (2015) The Genetic Architecture of Domestication in Animals. Bioinformatics and biology insights, 9(Suppl 4), 11.

Xu H, et al. (2011) Genetic effects of polymorphisms in candidate genes and the QTL region on chicken age at first egg. BMC genetics, 12, 33.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.