Animal QTLdb

RRID:SCR_001748
Type: Tool

Proper Citation

Animal QTLdb (RRID:SCR_001748)

Resource Information

URL: http://www.animalgenome.org/cgi-bin/QTLdb/index

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Description: Database of trait mapping data, i.e. QTL (phenotype / expression, eQTL), candidate gene and association data (GWAS) and copy number variations (CNV) mapped to livestock animal genomes, to facilitate locating and comparing discoveries within and between species. New data and database tools are continually developed to align various trait mapping data to map-based genome features, such as annotated genes. QTLdb is open to house QTL/association date from other animal species where feasible. Most scientific journals require that any original QTL/association data be deposited into public databases before paper may be accepted for publication. User curator accounts are provided for direct data deposit. Users can download QTLdb data from each species or individual chromosome.

Abbreviations: Animal QTLdb

Synonyms: AnimalQTLdb, Animal QTL database, Animal Quantitative Trait Loci (QTL) database, Animal Quantitative Trait Loci database

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

Defining Citation: PMID:23180796, PMID:17245610

Keywords: chromosome, comparative genomics, dna sequence, genome, livestock, quantitative trait locus, non-human animal, structural genomics, single-nucleotide polymorphism, gene association, genomics, trait, copy number variation, trait, phenotype, expression, eqtl, genome wide association study, candidate gene, genotype
**Funding Agency:** USDA, USDA

**Availability:** Free, Freely available

**Resource Name:** Animal QTLdb

**Resource ID:** SCR_001748

**Alternate IDs:** nif-0000-02550

**Alternate URLs:** http://www.animalgenome.org/QTLdb/

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**Ratings and Alerts**

No rating or validation information has been found for Animal QTLdb.

No alerts have been found for Animal QTLdb.

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**Data and Source Information**

**Source:** [SciCrunch Registry](http://www.animalgenome.org/QTLdb/)

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**Usage and Citation Metrics**

We found 43 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](http://www.animalgenome.org/QTLdb/).


Czech B, et al. (2020) Patterns of DNA variation between the autosomes, the X chromosome and the Y chromosome in Bos taurus genome. Scientific reports, 10(1), 13641.

Purfield DC, et al. (2020) Breed- and trait-specific associations define the genetic
architecture of calving performance traits in cattle. Journal of animal science, 98(5).


