NAGRP Bioinformatics Coordination Program

RRID:SCR_006564
Type: Tool

Proper Citation

NAGRP Bioinformatics Coordination Program (RRID:SCR_006564)

Resource Information

URL: http://www.animalgenome.org/

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Description: We at NRSP-8 bioinformatics coordination program strive to serve the animal genomics research community to better use computer tools and methods, to best utilize available resources, and in working with researchers in the community, to effectively share, combine, manage, manipulate, and analyze information from genomics/genetics studies. This site is designed as an information center to serve the national animal genome research projects of cattle, chicken, pigs, sheep, horse, and aquaculture species. This is home to databases and web sites (being) built for structural, functional and application oriented studies of the animal genomics, to serve the purpose of research, education and related activities in the scientific, industrial and educational communities in the states and worldwide. The challenges in bioinformatics support/research for animal genomics may involve * Effective data collection, organization and management * Rapid development of most needed bioinformatics tools and resources * Efficient use of these tools for innovative data analysis

Projects: * Animal Trait Ontology (ATO) Project * Virtual Comparative Genomics * The Past, the Current, and the Potentials * Collaborative and Hosted Works

Abbreviations: NAGRP Bioinformatics Coordination Program

Synonyms: National Animal Genome Research Program NRSP-8 Bioinformatics Coordination Program, NAGRP NRSP-8 Bioinformatics Coordination Program, USDA NRSP-8 Program Bioinformatics Coordination Project, National Animal Genome Research Program Bioinformatics Coordination Project

Resource Type: service resource, portal, data or information resource, topical portal
Keywords: genome, bioinformatics, genomics, sequencing, aquaculture species, computing

Funding Agency: USDA

Resource Name: NAGRP Bioinformatics Coordination Program

Resource ID: SCR_006564

Alternate IDs: nlx_149170

Ratings and Alerts

No rating or validation information has been found for NAGRP Bioinformatics Coordination Program.

No alerts have been found for NAGRP Bioinformatics Coordination Program.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 72 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.


Canive M, et al. (2021) Identification of loci associated with susceptibility to Mycobacterium avium subsp. paratuberculosis infection in Holstein cattle using combinations of diagnostic tests and imputed whole-genome sequence data. PloS one, 16(8), e0256091.


Fulton JE, et al. (2021) The impact of endogenous Avian Leukosis Viruses (ALVE) on production traits in elite layer lines. Poultry science, 100(6), 101121.

Fabbri MC, et al. (2021) Genetic diversity and population history of eight Italian beef cattle breeds using measures of autozygosity. PloS one, 16(10), e0248087.


Liu Y, et al. (2020) Genome-wide analysis of expression QTL (eQTL) and allele-specific expression (ASE) in pig muscle identifies candidate genes for meat quality traits. Genetics,
selection, evolution : GSE, 52(1), 59.