

Resource Summary Report

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Bovine Genome Project

RRID:SCR_008370

Type: Tool

Proper Citation

Bovine Genome Project (RRID:SCR_008370)

Resource Information

URL: <http://www.hgsc.bcm.tmc.edu/content/bovine-genome-project>

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Description: Downloadable files of the bos taurus genome. Draft assemblies available for download as contigs or linearized scaffolds of the genomic sequence of cow, Bos taurus, including the final draft assembly (7.1 coverage) and the two previous assemblies. The genome is sequenced to 6- to 8-fold sequence depth, with high-quality finished sequence in some areas. Accompanying EST and SNP analyses is also included. The bovine genome assembly and analysis and the study of cattle genetic history were published in April 24, 2009 issue of Science. The Human Genome Sequencing Center provides BLAST searches of the genome assemblies, either as contigs or as linearized chromosome sequences. The WGS sequence enriched BAC assemblies and the unassembled reads (sequencing reads that did not end up in the genome assembly) can also be searched by BLAST. Traces are available from the NCBI Trace Archive by using the link in the sidebar or by using NCBI MegaBLAST with a same species or cross species query.

Abbreviations: Bovine Genome Project

Resource Type: data or information resource, production service resource, data set, data analysis service, analysis service resource, service resource

Defining Citation: [PMID:19393050](#)

Keywords: bovine, cattle, cow, genome, genotype, reagent, sequencing, blast, genome assembly, contig, linearized chromosome, single nucleotide polymorphism, bac map, expressed sequence tag

Funding: NHGRI ;
USDA Agricultural Research Service ;
USDA Cooperative State Research Education and Extension Service ;
State of Texas ;
Genome Canada ;

Genome British Columbia ;
CSIRO ;
Agritech Investments Ltd. New Zealand ;
Dairy Insight Inc. New Zealand ;
AgResearch Ltd.New Zealand ;
Robert J. Kleberg ;
Jr. and Helen C. Kleberg Foundation ;
National Texas and South Dakota Beef Check-off Funds

Resource Name: Bovine Genome Project

Resource ID: SCR_008370

Alternate IDs: nif-0000-25603

Old URLs: <http://www.hgsc.bcm.tmc.edu/project-species-m-Bovine.hgsc?pageLocation=Bovine>

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260808T185908+0000

Ratings and Alerts

No rating or validation information has been found for Bovine Genome Project.

No alerts have been found for Bovine Genome Project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.