

Resource Summary Report

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BovMap Database

RRID:SCR_008145

Type: Tool

Proper Citation

BovMap Database (RRID:SCR_008145)

Resource Information

URL: <http://locus.jouy.inra.fr/cgi-bin/bovmap/intro.pl>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented August 22, 2016. Database containing information on the cattle genome comprising loci list, phenes list, homology query, cattle maps, gene list, and chromosome homology. The objective of BovMap is to develop a set of anchored loci for the cattle genome map. In total, 58 clones were hybridized with chromosomes and identified loci on 22 of the 31 different bovine chromosomes. Three clones contained satellite DNA. Two or more markers were placed on 12 chromosomes. Sequencing of the microsatellites and flanking regions was performed directly from 43 cosmids, as previously reported. Primers were developed for 39 markers and used to describe the polymorphism associated with the corresponding loci. Users are also allowed to submit their own data for Bovmap. An integrated cytogenetic and meiotic map of the bovine genome has also been developed around the Bovmap database. One objective that Bovmap uses as the mapping strategy for the bovine genome uses large insert clones as a tool for physical mapping and as a source of highly polymorphic microsatellites for genetic typing.

Abbreviations: BovMap

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

Keywords: genetic, bovine, cattle, chromosome, clone, cosmid, cow, cytogenetic, dna, genome, homology, locus, meiotic, phene, polymorphism, sequence, map, gene

Funding: European Union

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: BovMap Database

Resource ID: SCR_008145

Alternate IDs: nif-0000-20968

Record Creation Time: 20220129T080245+0000

Record Last Update: 20260919T195136+0000

Ratings and Alerts

No rating or validation information has been found for BovMap Database.

No alerts have been found for BovMap Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Di Meo GP, et al. (2007) An advanced sheep (*Ovis aries*, 2n = 54) cytogenetic map and assignment of 88 new autosomal loci by fluorescence in situ hybridization and R-banding. *Animal genetics*, 38(3), 233.

Fadiel A, et al. (2005) Farm animal genomics and informatics: an update. *Nucleic acids research*, 33(19), 6308.