

Resource Summary Report

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NHGRI Dog Genome Project

RRID:SCR_002256

Type: Tool

Proper Citation

NHGRI Dog Genome Project (RRID:SCR_002256)

Resource Information

URL: http://research.nhgri.nih.gov/dog_genome/

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Description: The Dog Genome Project at the National Human Genome Research Institute is working to develop resources necessary to map and clone canine genes in an effort to utilize dogs as a model system for genetics and cancer research. The US National Human Genome Research Institute (NHGRI) agreed to fund a project to sequence the entire genome of a boxer dog named Tasha, because it recognized the value of the dog as an unrivaled model for the study of human disease. The National Human Genome Research Institute (NHGRI) led the National Institutes of Health's (NIH) contribution to the International Human Genome Project, which had as its primary goal the sequencing of the human genome. This project was successfully completed in April 2003. Now, the NHGRI's mission has expanded to encompass a broad range of studies aimed at understanding the structure and function of the human genome and its role in health and disease. To that end NHGRI supports the development of resources and technology that will accelerate genome research and its application to human health. A critical part of the NHGRI mission continues to be the study of the ethical, legal and social implications (ELSI) of genome research. NHGRI also supports the training of investigators and the dissemination of genome information to the public and to health professionals.

Abbreviations: NHGRI Dog Genome Project

Synonyms: National Human Genome Research Institute Dog Genome Project

Resource Type: database, data or information resource

Defining Citation: [PMID:16102268](#)

Keywords: gene, genetic, cancer, canine, clone, disease, dog, genome, health, human, map, model, system

Resource Name: NHGRI Dog Genome Project

Resource ID: SCR_002256

Alternate IDs: nif-0000-20975

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260808T190340+0000

Ratings and Alerts

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

No alerts have been found for NHGRI Dog Genome Project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Murgia C, et al. (2006) Clonal origin and evolution of a transmissible cancer. Cell, 126(3), 477.