Resource Summary Report

Generated by NIF on Apr 20, 2025

NUgene Project

RRID:SCR_007426
Type: Tool

Proper Citation

NUgene Project (RRID:SCR_007426)

Resource Information

URL: https://www.nugene.org/

Proper Citation: NUgene Project (RRID:SCR_007426)

Description: Collects and stores genetic (DNA) samples along with associated healthcare information from patients of Northwestern-affiliated hospitals and clinics. This resource is available to scientists to conduct groundbreaking genetic research. The information and blood samples provided will be used by researchers to examine the role genes play in the development and treatment of common diseases. The NUgene Project seeks to increase the understanding of genetic mechanisms underlying common diseases, assist in the development of DNA-based technology for diagnosis and treatment of disease, and aid physicians and other healthcare providers in the application of genetics to the practice of medicine. NUgene participants are recruited throughout the Northwestern-affiliated healthcare community in order to create an ethnically and medically diverse population for research. Participants must be 18 years of age or older and receive their medical care from a Northwestern-affiliated provider, regardless of health status. Consenting individuals complete all aspects of enrollment in a single meeting with a research coordinator. The enrollment process includes the donation of a single sample of blood and the completion of a self-administered questionnaire. Participants also sign a consent form during this encounter. The NUgene Project is an interdisciplinary project that relies on the expertise of individuals working in a variety of fields, including science, medicine, clinical research, statistics, epidemiology, and computational biology. NUgene''s multidisciplinary approach has spurred collaborations within Northwestern-affiliated institutions and with other outside institutions. This collaboration of ideas is the future of genetics and genomic research.

Abbreviations: NUgene

Resource Type: biomaterial supply resource, material resource

Keywords: human, clinical, gene, gene bank, genetic, genomic, translational, medicine, genetic assessment, dna, genomic research, blood, self-administered questionnaire, questionnaire

Funding:

Resource Name: NUgene Project

Resource ID: SCR_007426

Alternate IDs: nif-0000-00537

Record Creation Time: 20220129T080241+0000

Record Last Update: 20250420T015732+0000

Ratings and Alerts

No rating or validation information has been found for NUgene Project.

No alerts have been found for NUgene Project.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

McGrail C, et al. (2024) Genetic association and machine learning improves discovery and prediction of type 1 diabetes. medRxiv : the preprint server for health sciences.

McGrail C, et al. (2023) Genetic discovery and risk prediction for type 1 diabetes in individuals without high-risk HLA-DR3/DR4 haplotypes. medRxiv : the preprint server for health sciences.

Song S, et al. (2022) A data-adaptive Bayesian regression approach for polygenic risk prediction. Bioinformatics (Oxford, England), 38(7), 1938.

Klei L, et al. (2021) How rare and common risk variation jointly affect liability for autism spectrum disorder. Molecular autism, 12(1), 66.

Liyanage UE, et al. (2019) Combined analysis of keratinocyte cancers identifies novel

genome-wide loci. Human molecular genetics, 28(18), 3148.

Bhagwandin C, et al. (2018) The E3 ubiquitin ligase MARCH1 regulates glucose-tolerance and lipid storage in a sex-specific manner. PloS one, 13(10), e0204898.