NIAGADS

The National Institute on Aging Genetics of Alzheimer's Disease Data Storage Site

New Look of NIAGADS

The NIAGADS (NIA Genetics of Alzheimer's Disease Data Storage Site) website (https://www.niagads.org/) has been overhauled to enhance the user experience. NIAGADS is a national repository that facilitates access to genetic, genomic, and related data to qualified investigators for the study of Alzheimer's disease (AD).

Second Batch of ADSP Data Released

Whole genome sequencing data has been generated for 584 subjects from 111 families. This was released in two phases. The first release in December 2013 included 410 individuals. The most recent release includes the remaining 168 subjects. Subsequent releases will contain whole exome sequence data from ~11,000 additional subjects. Approved investigators can browse and download available data through the ADSP Data Portal or through the dbGaP Study page.

NIAGADS Genomics Database

The NIAGADS Genomics Database provides a simple, but powerful, workspace for searching and identifying genes, SNPs, and genomics locations of interest or with special relevance to Alzheimer's Disease. Register with NIAGADS to bookmark favorite search results or save and share search results and workflows (strategies). The resource also supports a genome browser, allowing users to browse tracks generated from NIAGADS datasets and relevant functional genomics tracks.

https://www.niagads.org/genomics/

New Datasets Available Through NIAGADS

NG00030

- WASHU1
- A case control dataset collected by the Knight ADRC at Washington University.

NG00031

- MIRAGE CAUCASIAN
- MIRAGE (Multi Institutional Research on Alzheimer Genetics Epidemiology) is a cross-sectional family-based study of genetic and environmental risk factors for AD.

NG00032

- NIA-LOAD (ADGC SUBSET)
- GWAS to identify putative genetic loci related to the risk of late-onset Alzheimer disease (LOAD). This dataset is a subset of NG00020 and was analysed as part of the ADGC project.

NG00033

- IDENTIFYING RARE VARIANTS THAT INCREASE RISK FOR ALZHEIMER'S DISEASE
- Exome sequencing data for families with Late-Onset AD.

NG00034

- ACT AND GENETIC DIFFERENCES GWAS
- The Adult Changes in Thought (ACT) study is a longitudinal prospective cohort study and the Genetic Differences study was an epidemiologic case control study.

To access NIAGADS data, please submit an account request through the NIAGADS website. If you would like further information about the data available through NIAGADS or inquire about submitting your AD genetics data to NIAGADS, please contact support@niagads.org.