

## New Look of NIAGADS

The NIAGADS (NIA Genetics of Alzheimer's Disease Data Storage Site) website 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).

<https://www.niagads.org>

## Third Batch of ADSP Data Coming Soon!

The third ADSP data release is anticipated for October and 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](#).

<https://www.niagads.org/adsp>

## Most Recent Datasets Added to NIAGADS

### NG00035

- "GWAS of cerebrospinal fluid tau levels identifies risk variants for Alzheimer's disease"
- Largest GWAS for CSF tau/ptau levels published to date (n = 1,269).
- Imputed data consists of 5,815,690 SNPS using HapMap release 22 CEU (build 36) as a reference panel.
- [www.niagads.org/dataset/ng00035](http://www.niagads.org/dataset/ng00035)

### NG00034

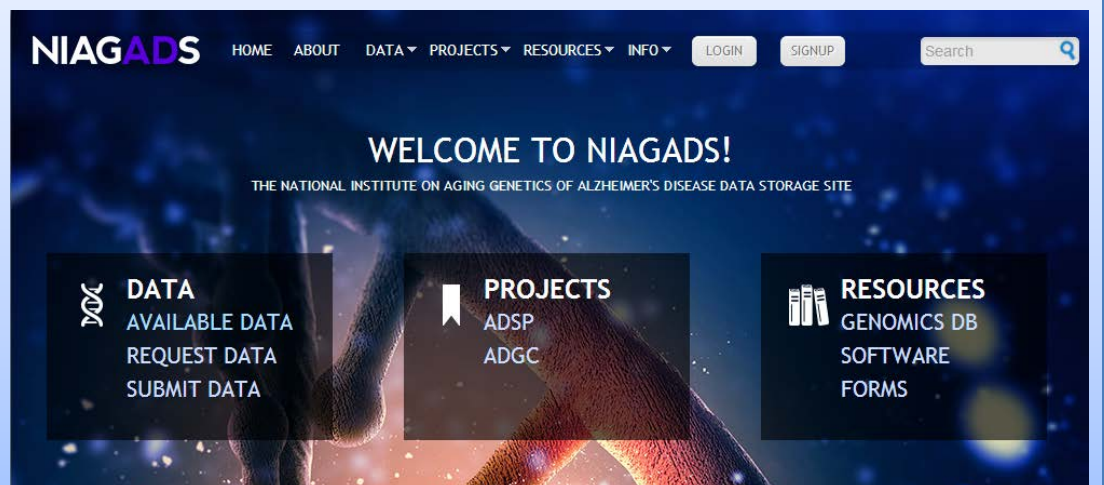
- ACT AND GENETIC DIFFERENCES GWAS
- The Adult Changes in Thought (ACT) study is a longitudinal prospective cohort study and the Genetic Differences study was an epidemiologic case control study.
- [www.niagads.org/dataset/ng00034](http://www.niagads.org/dataset/ng00034)

### NG00033

- IDENTIFYING RARE VARIANTS THAT INCREASE RISK FOR ALZHEIMER'S DISEASE
- Exome sequencing data for families with Late-Onset AD.
- [www.niagads.org/dataset/ng00033](http://www.niagads.org/dataset/ng00033)

## Request Access to NIAGADS Data

To access NIAGADS data, please submit a new account request through the [NIAGADS website](#). If you would like further information about data available at NIAGADS or how to submit your own data to NIAGADS, contact [support@niagads.org](mailto:support@niagads.org).



NIAGADS HOME ABOUT DATA PROJECTS RESOURCES INFO LOGIN SIGNUP Search

## WELCOME TO NIAGADS!

THE NATIONAL INSTITUTE ON AGING GENETICS OF ALZHEIMER'S DISEASE DATA STORAGE SITE

- DATA**  
AVAILABLE DATA  
REQUEST DATA  
SUBMIT DATA
- PROJECTS**  
ADSP  
ADGC
- RESOURCES**  
GENOMICS DB  
SOFTWARE  
FORMS



## 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. New AD risk variants identified in a meta-analysis of 74,046 individuals can now be viewed on the genome browser via [www.niagads.org/genomics/track\\_highlights.jsp](http://www.niagads.org/genomics/track_highlights.jsp). See [www.niagads.org/genomics/track\\_listing.jsp](http://www.niagads.org/genomics/track_listing.jsp) for newly added functional genomic tracks, e.g. FANTOM5, GWAS catalog. Users can now find genes based on KEGG pathway. Register with NIAGADS to bookmark favorite search results or save and share search results and workflows (strategies).

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

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GENOMICS HOME NEW SEARCH GENOME BROWSER MY STRATEGIES MY FAVORITES ABOUT NIAGADS GENOMICS

Search for: Find Genes, SNPs, and genomic loci by identifiers or GO annotation.

My Strategies: New Opened (1) All (2)

(Genes) Strategy: AD GWAS

AD GWAS 43 SNPs Step 1 → SNPs→Genes 5 Genes Step 2 Add Step

Strategy: AD GWAS Download 5 Genes

Step 2: 5 Genes

Gene Results

To view additional details (e.g., annotation, external links, search weights) about your search results, click on the **Add Columns** button below. Rows can be sorted using the up/down arrows associated with column headers; columns can be moved by clicking and dragging the header. To view additional information on the data reported in a column, mouseover column headers.

Symbol	SNP	Genomic Coordinates
BCAM	rs2927477	chr19:45312316-45324678
BCL3	rs8100239	chr19:45251978-45263301
EIF5AP3	rs17643262	chr19:45631783-45632340
PPP1R37	rs17643262; rs1114831; rs1114832; rs1048699	chr19:45596431-45650543
PVRL2	rs6859; rs416041; rs440277; rs12610605; rs12978931; rs11673139; rs4803763; rs377702; rs387976; rs187...	chr19:45349393-45392485

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Search for: Find Genes, SNPs, and genomic loci by identifiers or GO annotation.

Click and drag the bottom border to expand or contract the genome browser view frame.

dbSNP137 SnpEff Effect High Moderate Low Other

NIAGADS JBrowse File View Help

chr11 chr11:85657401..85784400 (127 Kb)

Select tracks: SLC25A1P1

NCBI Gene database: NM\_001206946.1, NM\_001206947.1, RefSeq:007166.3

AD GWAS Naj NatGen 2011 stage 1+2 adjusted

ENCODE Chromatin NH-A H3K9ac

ENCODE Chromatin NH-A H3K4me3

ENCODE Chromatin NH-A H3K4me2

NHGRI GWAS catalog: rs17817600

For questions or information, please contact NIAGADS at (215) 898-9702 or through email at [support@niagads.org](mailto:support@niagads.org). NIAGADS (<http://www.NIAGADS.org>) is a cooperative agreement between University of Pennsylvania and NIA.