

NIAGADS Data Sharing Service (DSS) Releases 20K Whole Exomes

NIAGADS is pleased to announce the release of 19,922 whole exomes called on GRCh38 through the [Data Sharing Service \(DSS\)](#). Nine different studies contributed to the release, including 10,088 ADSP Discovery Case Control WES samples, 3,144 ADGC African American WES samples, 75 Brkanac Families WES samples, 346 Corticobasal degeneration WES samples, 3,861 Columbia WHICAP WES samples, 1,100 FASe Families WES samples, 650 Knight ADRC WES samples, 108 Miami Families WES samples, and 550 Progressive supranuclear palsy WES samples. These data were called by the Genome Center for Alzheimer's Disease (GCAD) using VCPA 1.01, a functionally equivalent CCDG/TOPMed pipeline. The release includes CRAMs, gVCFs and phenotypes. A subsequent release containing the ADSP quality control checked GATK joint called VCF will follow in mid-2020. More information about the dataset can be found on the dataset page, [ng00067](#). Instructions for applying for the data can be found on the [Documentation page](#) of the DSS website.

Alzheimer's Disease Centers: Accessing your Center's Data

Alzheimer's Disease Centers can obtain the ADSP sequenced data for their own subjects by contacting NIAGADS (niagads@pennmedicine.upenn.edu) and completing a Data Transfer Agreement with the University of Pennsylvania. With the new data release, a total of 5,123 ADC samples have been sequenced under ADSP efforts. New samples are from the

Alzheimer's Disease Genetics Consortium African American dataset. Available data types for request are CRAMs, GATK called gVCFs, as well as GATK joint-genotype called project level VCFs (pVCFs) that have undergone basic sequencing quality control checks. More detailed instructions about accessing data for ADCs can be found here:

<https://www.niagads.org/adsp/content/instructions-adcs>

New Datasets available at <https://www.niagads.org/datasets>

NIAGADS has added a number of new datasets, bringing the total number of datasets in NIAGADS to 59, with over 59,000 samples and 33 billion genotypes.

[NG00083](#)

Circular RNAs in Alzheimer Disease Brains – RNA-seq Data

[NG00088](#)

GWAS Summary Statistics of informed conditioning analysis in African Americans

[NG00089](#)

CSF TREM2 Summary Statistics