# Resource Summary Report

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## Psychiatric Genomics Consortium

RRID:SCR_004495
Type: Tool

### Proper Citation

Psychiatric Genomics Consortium (RRID:SCR_004495)

### Resource Information

**URL:** https://www.med.unc.edu/pgc/

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**Description:** Consortium conducting meta-analyses of genome-wide genetic data for psychiatric disease. Focused on autism, attention-deficit hyperactivity disorder, bipolar disorder, major depressive disorder, schizophrenia, anorexia nervosa (AN), Tourette syndrome (TS), and obsessive-compulsive disorder (OCD). Used to investigate common single nucleotide polymorphisms (SNPs) genotyped on commercial arrays, structural variation (copy number variation) and uncommon or rare genetic variation. To participate you are asked to upload data from your study to central computer used by this consortium. Genetic Cluster Computer serves as data warehouse and analytical platform for this study . When data from your study have been incorporated, account will be provided on central server and access to all GWAS genotypes, phenotypes, and meta-analytic results relevant to deposited data and participation aims. NHGRI GWAS Catalog contains updated information about all GWAS in biomedicine, and is usually excellent starting point to find comprehensive list of studies. Files can be obtained by any PGC member for any disease to which they contributed data. These files can also be obtained by application to NIMH Genetics Repository. Individual-level genotype and phenotype data requires application, material transfer agreement, and informed consent consideration. Some datasets are also in controlled-access dbGaP and Wellcome Trust Case-Control Consortium repositories. PGC members can also receive back cleaned and imputed data and results for samples they contributed to PGC analyses.

**Abbreviations:** PGC

**Synonyms:** Psychiatric Genomics Consortium, PGC, Psychiatric GWAS Consortium

**Resource Type:** data or information resource, analysis service resource, computational hosting, data repository, production service resource, organization portal, portal, service resource, consortium, community building portal, data analysis service, storage service resource

**Defining Citation:** PMID:20955924, PMID:19895722, PMID:19648536, PMID:19339359, PMID:19002139

**Keywords:** structural variation, genetic variation, single nucleotide polymorphism, attention deficit-hyperactivity disorder, bipolar disorder, schizophrenia, mental disease, one mind ptsd, data sharing, visualization, genome-wide association study, genomic, genotype, phenotype, psychiatry, gwas, copy number variation, FASEB list

**Related Condition:** Mental disease, Attention deficit-hyperactivity disorder, Bipolar Disorder, Schizophrenia, Major Depressive Disorder, Autism, Cross-disorder

**Funding:** Netherlands Genetic Cluster Computer ;
Hersenstichting Nederland ;
NIMH

**Availability:** Restricted

**Resource Name:** Psychiatric Genomics Consortium

**Resource ID:** SCR_004495

**Alternate IDs:** nlx_143769

**Old URLs:** https://pgc.unc.edu/

**Record Creation Time:** 20220129T080224+0000

**Record Last Update:** 20260811T043218+0000

## Ratings and Alerts

No rating or validation information has been found for Psychiatric Genomics Consortium.

No alerts have been found for Psychiatric Genomics Consortium.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 121 mentions in open access literature.

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

Giacomel A, et al. (2026) Transcriptome-informed brain cartography of polygenic risk and association with brain structure in major psychiatric disorders. Molecular psychiatry, 31(7), 3965.

Lin Z, et al. (2026) Integrative genomics reveal genetic links of chronic cough with risk factors and brain regional volumes. ERJ open research, 12(2).

Sharew NT, et al. (2026) Using multi-trait polygenic scores to predict lithium responsiveness in patients with bipolar disorder. medRxiv : the preprint server for health sciences.

Luo M, et al. (2026) Indirect Genetic Effects on Alcohol Use Disorder and Nicotine Dependence. medRxiv : the preprint server for health sciences.

Feng Y, et al. (2026) Cerebrospinal Fluid Genetics Enhance Risk Stratification in Bipolar Disorder. MedComm, 7(3), e70629.

Luo M, et al. (2026) Genetic nurture in intergenerational transmission of substance use. Nature communications, 17(1).

Yin L, et al. (2025) Integrating brain imaging features and genomic profiles for the subtyping of major depression. Psychological medicine, 55, e158.

Worf K, et al. (2025) Exon-variant interplay and multi-modal evidence identify endocrine dysregulation in severe psychiatric disorders impacting excitatory neurons. Translational psychiatry, 15(1), 153.

Fan X, et al. (2025) Stratifying variant deleteriousness and trait-modulating effect under human recent adaptation using the FIND model. Genome biology, 26(1), 375.

Rehman Z, et al. (2025) Unraveling the Shared Genetic Architecture and Polygenic Overlap Between Loneliness, Major Depressive Disorder, and Sleep-Related Traits. Biomedicines, 13(12).

Guo X, et al. (2025) Shared genetic architecture and bidirectional clinical risks within the psycho-metabolic nexus. EBioMedicine, 111, 105530.

Zeng J, et al. (2025) Cardiovascular diseases and depression: A meta-analysis and Mendelian randomization analysis. Molecular psychiatry, 30(9), 4234.

Nassan M, et al. (2025) The causal association between resting state intrinsic functional networks and neurodegeneration. Brain communications, 7(2), fcaf098.

Guo S, et al. (2025) Causal relationship between educational attainment and the occurrence of venous thromboembolism. BMC medical genomics, 18(1), 28.

Jiang Z, et al. (2025) Exploring the bidirectional causal relationship between Autism Spectrum Disorder and Schizophrenia using Mendelian randomization. Medicine, 104(15), e42119.

Li X, et al. (2025) Integrating genetic regulation and schizophrenia-specific splicing quantitative expression with GWAS prioritizes novel risk genes for schizophrenia. Translational psychiatry, 15(1), 379.

Lin YP, et al. (2024) A genome-wide association study of Chinese and English language phenotypes in Hong Kong Chinese children. NPJ science of learning, 9(1), 26.

Vison?? G, et al. (2024) Network propagation for GWAS analysis: a practical guide to leveraging molecular networks for disease gene discovery. Briefings in bioinformatics, 25(2).

Miller AP, et al. (2024) Neurogenetic and multi-omic sources of overlap among sensation seeking, alcohol consumption, and alcohol use disorder. Addiction biology, 29(2), e13365.

Deng Z, et al. (2024) Causal relationship between major depressive disorder, anxiety disorder and constipation: a two-sample Mendelian randomization study. BMC gastroenterology, 24(1), 434.