

Resource Summary Report

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Polygenic Pathways

RRID:SCR_006962

Type: Tool

Proper Citation

Polygenic Pathways (RRID:SCR_006962)

Resource Information

URL: <http://www.polygenicpathways.co.uk>

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Description: Database of disease genes and risk factors and of host pathogen/interactomes. Lists genes, pathways and environmental risk factors positively associated with diseases and conditions such as Alzheimer's disease, schizophrenia, multiple sclerosis, childhood obesity, anorexia nervosa, HIV-1/AIDS, and helicobacter pylori. Details of polymorphisms as well as negative/positive association data can be found via Useful links. Throughout the site are links to Entrez Gene and Pubmed.

Synonyms: PolygenicPathways, Polygenic Signaling Pathways

Resource Type: database, data or information resource

Keywords: genetic disease, risk factor, host pathogen, interactome, polygenic pathway, bio.tools

Related Condition: Alzheimer's disease, Schizophrenia, Bipolar disorder, depression, Parkinson's disease, Huntington's disease, Multiple sclerosis, Cystic fibrosis, Childhood obesity, Chronic fatigue syndrome, Autism, Anorexia nervosa, Attention deficit hyperactivity disorder, HIV-1/AIDS

Funding: Google ;
Amazon

Availability: Free, Freely available

Resource Name: Polygenic Pathways

Resource ID: SCR_006962

Alternate IDs: nif-0000-00514, biotools:polygenicpathways, SCR_015716

Alternate URLs: <https://bio.tools/polygenicpathways>

Record Creation Time: 20220129T080239+0000

Record Last Update: 20260821T042724+0000

Ratings and Alerts

No rating or validation information has been found for Polygenic Pathways.

No alerts have been found for Polygenic Pathways.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Zhao X, et al. (2025) Regulatory Genomic Circuitry of Brain Age by Integrative Functional Genomic Analyses. Genomics, proteomics & bioinformatics, 23(5).

Carter CJ, et al. (2013) Toxoplasmosis and Polygenic Disease Susceptibility Genes: Extensive Toxoplasma gondii Host/Pathogen Interactome Enrichment in Nine Psychiatric or Neurological Disorders. Journal of pathogens, 2013, 965046.

Carter CJ, et al. (2010) Alzheimer's disease: a pathogenetic autoimmune disorder caused by herpes simplex in a gene-dependent manner. International journal of Alzheimer's disease, 2010, 140539.

Carter CJ, et al. (2008) Interactions between the products of the Herpes simplex genome and Alzheimer's disease susceptibility genes: relevance to pathological-signalling cascades. Neurochemistry international, 52(6), 920.

Carter CJ, et al. (2007) Multiple genes and factors associated with bipolar disorder converge on growth factor and stress activated kinase pathways controlling translation initiation: implications for oligodendrocyte viability. Neurochemistry international, 50(3), 461.