

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: 20250409T060607+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 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.