

Resource Summary Report

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GWAS Central

RRID:SCR_006170

Type: Tool

Proper Citation

GWAS Central (RRID:SCR_006170)

Resource Information

URL: <http://www.gwascentral.org/>

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Description: Publicly available database of summary level findings from genetic association studies in humans, including genome wide association studies (GWAS). Previously named HGBASE, HGVbase and HGVbaseG2P.

Synonyms: Genome Wide Association Studies Central, Human Genome Variation database of Genotype to Phenotype information, HGVbaseG2P

Resource Type: data or information resource, data repository, database, service resource, storage service resource

Defining Citation: [PMID:18948288](#)

Keywords: Human Genome Variation database of Genotype-to-Phenotype information, genetic association study, genotype, phenotype, gene, genome region, disease, frequency data, region, genome, marker, single nucleotide polymorphism, genetic variant, allele, genome wide association study, human genome, chromosome, genetics

Funding: European Union GEN2PHEN project ;
GlaxoSmithKline ;
University of Leicester; Leicester; United Kingdom

Resource Name: GWAS Central

Resource ID: SCR_006170

Alternate IDs: nlx_151672, nif-0000-02958, SCR_007709, r3d100010565

Alternate URLs: <http://www.hgvbaseg2p.org>, <https://doi.org/10.17616/R34G8W>

License URLs: <http://www.gwascentral.org/info/data/data-sharing-statement>

Record Creation Time: 20220129T080234+0000

Record Last Update: 20260912T195636+0000

Ratings and Alerts

No rating or validation information has been found for GWAS Central.

No alerts have been found for GWAS Central.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 114 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kiruba B, et al. (2025) Mapping integral cell-type-specific interferon-induced gene regulatory networks (GRNs) involved in systemic lupus erythematosus using systems and computational analysis. *Heliyon*, 11(1), e41342.

Zhou C, et al. (2025) Paradoxical regulation of IGF2 in promoting lipid metabolism in adipose tissues. *Communications biology*, 8(1), 1026.

Wang JJ, et al. (2024) Spatiotemporal expression and coexpression patterns of SRPK1 in the human brain: A neurodevelopmental perspective. *Brain and behavior*, 14(1), e3341.

Xu F, et al. (2024) Diagnostic implications of ubiquitination-related gene signatures in Alzheimer's disease. *Scientific reports*, 14(1), 10728.

Guillet S, et al. (2024) ACK1 and BRK non-receptor tyrosine kinase deficiencies are associated with familial systemic lupus and involved in efferocytosis. *eLife*, 13.

Kot A, et al. (2024) Clinical Potential of Misshapen/NIKs-Related Kinase (MINK) 1-A Many-Sided Element of Cell Physiology and Pathology. *Current issues in molecular biology*, 46(12), 13811.

Drago A, et al. (2024) Calcium Signaling and Molecular Adhesion Processes May Hold the Key to Genetic Risk for Autism: A Molecular Pathway Analysis on Two Independent Samples. *Genes*, 15(12).

Wei S, et al. (2024) SMEK1 ablation promotes glucose uptake and improves obesity-related metabolic dysfunction via AMPK signaling pathway. *American journal of physiology. Endocrinology and metabolism*, 326(6), E776.

Guillet S, et al. (2024) ACK1 and BRK non-receptor tyrosine kinase deficiencies are associated with familial systemic lupus and involved in efferocytosis. *medRxiv* : the

preprint server for health sciences.

Wang Y, et al. (2024) ApoL6 associates with lipid droplets and disrupts Perilipin1-HSL interaction to inhibit lipolysis. *Nature communications*, 15(1), 186.

Price TR, et al. (2023) Identification of genetic drivers of plasma lipoprotein size in the Diversity Outbred mouse population. *Journal of lipid research*, 64(12), 100471.

Flore L, et al. (2023) Influence of Different Evolutive Forces on GDF5 Gene Variability. *Genes*, 14(10).

Tang J, et al. (2023) PopTradeOff: A database for exploring population-specificity of adaptive evolution, disease susceptibility, and drug responsiveness. *Computational and structural biotechnology journal*, 21, 3443.

Hughes LA, et al. (2023) Copy number variation in tRNA isodecoder genes impairs mammalian development and balanced translation. *Nature communications*, 14(1), 2210.

Lu Q, et al. (2023) Sema7A protects against high-fat diet-induced obesity and hepatic steatosis by regulating adipo/lipogenesis. *Molecular metabolism*, 70, 101698.

Beck T, et al. (2023) GWAS Central: an expanding resource for finding and visualising genotype and phenotype data from genome-wide association studies. *Nucleic acids research*, 51(D1), D986.

Kour B, et al. (2023) Identification of Plausible Candidates in Prostate Cancer Using Integrated Machine Learning Approaches. *Current genomics*, 24(5), 287.

Sollis E, et al. (2023) The NHGRI-EBI GWAS Catalog: knowledgebase and deposition resource. *Nucleic acids research*, 51(D1), D977.

Mallick I, et al. (2023) In-silico identification and prioritization of therapeutic targets of asthma. *Scientific reports*, 13(1), 15706.

Zhang P, et al. (2022) Association between microRNA 671 polymorphisms and the susceptibility to soft tissue sarcomas in a Chinese population. *Frontiers in oncology*, 12, 960269.