

Resource Summary Report

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GeneATLAS

RRID:SCR_017577

Type: Tool

Proper Citation

GeneATLAS (RRID:SCR_017577)

Resource Information

URL: <http://geneatlas.roslin.ed.ac.uk>

Proper Citation: GeneATLAS (RRID:SCR_017577)

Description: Database of associations between traits and variants using UK Biobank cohort. Searchable atlas of genetic associations. Assists researchers to query UK Biobank. Provides unbiased view of phenotype and genotype associations across of traits.

Synonyms: Gene ATLAS, Gene Atlas

Resource Type: analysis service resource, atlas, data analysis service, data or information resource, database, production service resource, service resource

Keywords: Association, trait, variant, UK Biobank, cohort, atlas, genetic, phenotype, genotype, FASEB list

Availability: Free, Available for download, Freely available

Resource Name: GeneATLAS

Resource ID: SCR_017577

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260905T132826+0000

Ratings and Alerts

No rating or validation information has been found for GeneATLAS.

No alerts have been found for GeneATLAS.

Data and Source Information

Usage and Citation Metrics

We found 158 mentions in open access literature.

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

Zhou X, et al. (2026) Exploration of the Potential Mechanism of Metal Ion Transport-Related Genes in Myocardial Infarction Based on Transcriptomics. *Journal of cellular and molecular medicine*, 30(7), e71134.

Zhang Z, et al. (2026) Mendelian Randomization Revealed Potential of mTOR Inhibitors for Treatment of Osteoporosis: Evidence From GWAS and Transcriptome Data. *International journal of endocrinology*, 2026, 5562148.

Liu W, et al. (2026) Predicting diagnostic gene biomarkers in allergic asthma. *Medicine*, 105(18), e48466.

Feng R, et al. (2026) Integrating TWAS, chemical-genomic networks, and experimental models: melatonin as a ferroptosis inhibitor in osteoarthritis therapy. *Clinical rheumatology*, 45(2), 1559.

Zhou H, et al. (2025) Exploring the Interaction Mechanisms of Antibody-Mediated Immune Responses with Gout and Rheumatoid Arthritis Through a Bidirectional Two-Sample Mendelian Randomization Study. *Journal of pain research*, 18, 2707.

Ye ZN, et al. (2025) Risk factors for non-responsiveness to 5-aminosalicylic acid in patients with ulcerative colitis identified using retrospective clinical study and Mendelian randomization. *Scientific reports*, 15(1), 9182.

Ye H, et al. (2025) Mapping the brain cell-specific regulatory architecture of migraine: a single-cell causal framework nominating inhibitory-neuronal BTBD16 and astrocytic RIMS1 as therapeutic targets. *The journal of headache and pain*, 27(1), 14.

Chowdhury T, et al. (2025) Evaluation of Choline Metabolic Genes in the Liver of the Dam as Candidates for Mediating Choline's Efficacy in Mitigating Ethanol-Induced Cell Death in the Neural Tube: A Preliminary Analysis. *Genes*, 17(1).

Walker GJ, et al. (2025) Assessment of the Influence of UVR in Cutaneous Melanoma. *Photodermatology, photoimmunology & photomedicine*, 41(3), e70024.

Gao K, et al. (2025) Machine learning analysis of FOSL2 and RHOBTB1 as central immunological regulators in knee osteoarthritis synovium. *The Journal of international medical research*, 53(4), 3000605251333646.

Garcia-Salinas OI, et al. (2025) The impact of ancestral, genetic, and environmental influences on germline de novo mutation rates and spectra. *Nature communications*, 16(1), 4527.

Saranyuk R, et al. (2025) Genetic Interactions of Phase II Xenobiotic-Metabolizing Enzymes GSTO1 and GCLC in Relation to Alcohol Abuse and Psoriasis Risk. *Journal of xenobiotics*, 15(2).

He H, et al. (2025) Integrated multi-omics and machine learning reveals immune-metabolic signatures in osteoarthritis: from bulk RNA-seq to single-cell resolution. *Frontiers in immunology*, 16, 1599930.

Kleist AB, et al. (2025) Encoding and decoding selectivity and promiscuity in the human chemokine-GPCR interaction network. *Cell*, 188(13), 3603.

Du Y, et al. (2024) Multi-omics technologies and molecular biomarkers in brain tumor-related epilepsy. *CNS neuroscience & therapeutics*, 30(4), e14717.

Wang Y, et al. (2024) Identifying hub genes for chemo-radiotherapy sensitivity in cervical cancer: a bi-dataset in silico analysis. *Discover oncology*, 15(1), 434.

Guo J, et al. (2024) Phenome-wide association study in 25,639 pregnant Chinese women reveals loci associated with maternal comorbidities and child health. *Cell genomics*, 4(10), 100632.

Xu W, et al. (2024) [Network Pharmacology Study of Compound Ligustrazine in Gastric Cancer Therapy]. *Sichuan da xue xue bao. Yi xue ban = Journal of Sichuan University. Medical science edition*, 55(5), 1114.

Wu T, et al. (2024) MutL homolog 1 participates in interference-sensitive meiotic crossover formation in soybean. *Plant physiology*, 195(4), 2579.

Guo R, et al. (2024) Genetic correlation and Mendelian randomization analyses support causal relationships between dietary habits and age at menarche. *Scientific reports*, 14(1), 8425.