

# Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

## BioBankEngine

RRID:SCR\_015678

Type: Tool

### Proper Citation

BioBankEngine (RRID:SCR\_015678)

### Resource Information

**URL:** <https://biobankengine.stanford.edu/>

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**Description:** This engine presents case-control association results from the UK Biobank hospital in-patient health-related outcomes summary information data (Data-Field 41202); computational grouping of phenotypes with cancer (Category 100092) registry, death registry data (Category 100093), algorithmically-defined outcomes (Category 42), and verbal questionnaire data (Category 100071); and manually curated grouping of phenotypes.

**Resource Type:** software tool

**Resource Name:** BioBankEngine

**Resource ID:** SCR\_015678

**Record Creation Time:** 20220129T080327+0000

**Record Last Update:** 20260829T182500+0000

### Ratings and Alerts

No rating or validation information has been found for BioBankEngine.

No alerts have been found for BioBankEngine.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

### Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Justesen JM, et al. (2026) A loss-of-function variant in GFRAL associates with increased alcohol consumption in humans. *bioRxiv : the preprint server for biology*.

Zucker R, et al. (2025) Integrative Gene-Centric Analysis Reveals Cellular Pathways Associated with Heritable Breast Cancer Predisposition. *Cancers*, 17(24).

Li X, et al. (2024) Antibody immune responses and causal relationships in four immune skin diseases: Evidence from Mendelian randomization and Bayesian Weighting (Antibody Responses in Skin Diseases: MR & Bayesian). *Skin research and technology : official journal of International Society for Bioengineering and the Skin (ISBS) [and] International Society for Digital Imaging of Skin (ISDIS) [and] International Society for Skin Imaging (ISSI)*, 30(8), e13875.

Pinto EM, et al. (2024) Multiple TP53 p.R337H haplotypes and implications for tumor susceptibility. *HGG advances*, 5(1), 100244.

Pinto EM, et al. (2023) Clinical and functional analysis of the germline TP53 p.K164E acetylation site variant. *Cold Spring Harbor molecular case studies*, 9(4).

Park S, et al. (2022) Serum bilirubin and kidney function: a Mendelian randomization study. *Clinical kidney journal*, 15(9), 1755.

Bomba L, et al. (2022) Whole-exome sequencing identifies rare genetic variants associated with human plasma metabolites. *American journal of human genetics*, 109(6), 1038.

Amar D, et al. (2021) Graphical analysis for phenome-wide causal discovery in genotyped population-scale biobanks. *Nature communications*, 12(1), 350.

Lee KS, et al. (2021) A genome wide association study for lung function in the Korean population using an exome array. *The Korean journal of internal medicine*, 36(Suppl 1), S142.

Ilardo M, et al. (2021) An Erythropoietin-Independent Mechanism of Erythrocytic Precursor Proliferation Underlies Hypoxia Tolerance in Sea Nomads. *Frontiers in physiology*, 12, 760851.

Sinnott-Armstrong N, et al. (2021) Genetics of 35 blood and urine biomarkers in the UK Biobank. *Nature genetics*, 53(2), 185.

DeBoever C, et al. (2020) Assessing Digital Phenotyping to Enhance Genetic Studies of Human Diseases. *American journal of human genetics*, 106(5), 611.

Li Z, et al. (2020) Integrating Mouse and Human Genetic Data to Move beyond GWAS and Identify Causal Genes in Cholesterol Metabolism. *Cell metabolism*, 31(4), 741.

Qian J, et al. (2020) A fast and scalable framework for large-scale and ultrahigh-dimensional sparse regression with application to the UK Biobank. *PLoS genetics*, 16(10),

e1009141.

Hellwege JN, et al. (2019) Heritability and genome-wide association study of benign prostatic hyperplasia (BPH) in the eMERGE network. *Scientific reports*, 9(1), 6077.

McInnes G, et al. (2019) Global Biobank Engine: enabling genotype-phenotype browsing for biobank summary statistics. *Bioinformatics (Oxford, England)*, 35(14), 2495.

Br?i? L, et al. (2019) Genome-wide association analysis suggests novel loci underlying thyroid antibodies in Hashimoto's thyroiditis. *Scientific reports*, 9(1), 5360.

Abul-Husn NS, et al. (2019) Personalized Medicine and the Power of Electronic Health Records. *Cell*, 177(1), 58.

Ilardo MA, et al. (2018) Physiological and Genetic Adaptations to Diving in Sea Nomads. *Cell*, 173(3), 569.

DeBoever C, et al. (2018) Medical relevance of protein-truncating variants across 337,205 individuals in the UK Biobank study. *Nature communications*, 9(1), 1612.