

Resource Summary Report

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Public Health Genomics

RRID:SCR_006462

Type: Tool

Proper Citation

Public Health Genomics (RRID:SCR_006462)

Resource Information

URL: <http://www.cdc.gov/genomics/default.htm>

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Description: The Office of Public Health Genomics (OPHG) aims to integrate genomics into public health research, policy, and programs. Doing so could improve interventions designed to prevent and control the country's leading chronic, infectious, environmental, and occupational diseases. OPHG's efforts focus on conducting population-based genomic research, assessing the role of family health history in disease risk and prevention, supporting a systematic process for evaluating genetic tests, translating genomics into public health research and programs, and strengthening capacity for public health genomics in disease prevention programs. Goals: To improve public health interventions of diseases of major public health importance, including chronic, infectious, environmental, and occupational diseases, through six major initiatives: * Evaluation of Genomic Applications in Practice and Prevention (EGAPP), * Human Genome Epidemiology Network (HuGENet), * NHANES Collaborative Genomics Project, * Family History Public Health Initiative, * Genomics Translation Research and Programs, and, * Genomic Applications in Practice and Prevention Network (GAPPNet).

Synonyms: Genomics

Resource Type: data or information resource, radio, portal, narrative resource, podcast, training resource, organization portal

Keywords: environmental, genetics, chronic, disease, genomic, health, infectious, occupational, prevention, research

Resource Name: Public Health Genomics

Resource ID: SCR_006462

Alternate IDs: nif-0000-10186

Record Creation Time: 20220129T080236+0000

Record Last Update: 20260801T190312+0000

Ratings and Alerts

No rating or validation information has been found for Public Health Genomics.

No alerts have been found for Public Health Genomics.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 772 mentions in open access literature.

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

Chen J, et al. (2026) Integrating single cell- and spatial- resolved transcriptomics unravels the inter-tumor heterogeneity and immunosuppressive landscape in HBV- and Clonorchis sinensis-associated hepatocellular carcinoma. Molecular cancer, 25(1), 3.

Li JJ, et al. (2026) NSD2 targeting reverses plasticity and drug resistance in prostate cancer. Nature, 649(8095), 216.

Gallo-Terán J, et al. (2025) Sensorineural Hearing Loss in Patients With the m.1555A>G Mutation in the MTRNR1 Gene. The Laryngoscope, 135(2), 901.

Stafford-Smith B, et al. (2025) "I'm quite proud of how we've handled it": health professionals' experiences of returning additional findings from the 100,000 genomes project. European journal of human genetics : EJHG, 33(8), 1025.

Yoon JW, et al. (2025) Th1-poised naive CD4 T cell subpopulation reflects anti-tumor immunity and autoimmune disease. Nature communications, 16(1), 1962.

Mittal P, et al. (2025) Comprehensive characterization of MCL-1 in patients with colorectal cancer: Expression, molecular profiles, and outcomes. International journal of cancer, 156(8), 1583.

Olaizola P, et al. (2025) Targeting protein hyper-SUMOylation halts cholangiocarcinoma progression by impairing cancer cell viability and tumor-stroma cross talk. Hepatology (Baltimore, Md.), 82(6), 1461.

Hou S, et al. (2025) Single-cell transcriptomic atlas of different endometriosis indicating that an interaction between endometriosis-associated mesothelial cells (EAMCs) and ectopic stromal cells may influence progesterone resistance. Clinical and translational medicine, 15(2), e70216.

Thierry IP, et al. (2025) Yield of family screening for dilated cardiomyopathy: 10-year experience at a multidisciplinary cardiogenetic outpatient clinic. *Netherlands heart journal : monthly journal of the Netherlands Society of Cardiology and the Netherlands Heart Foundation*, 33(2), 46.

Watson BR, et al. (2025) Spatial transcriptomics of healthy and fibrotic human liver at single-cell resolution. *Nature communications*, 16(1), 319.

Hartill V, et al. (2025) Molecular diagnoses and candidate gene identification in the congenital heart disease cohorts of the 100,000 genomes project. *European journal of human genetics : EJHG*, 33(6), 793.

Barbati F, et al. (2025) Monogenic Common Variable Immunodeficiency (Mo-CVID) Score for Optimizing the Genetic Diagnosis in Pediatric CVID Cohort. *European journal of immunology*, 55(3), e202451433.

Nguyen H, et al. (2025) WNT Mimetic-Induced Lacrimal Gland Regeneration Reverses Aqueous Tear Deficiency. *Translational vision science & technology*, 14(6), 19.

Barber AT, et al. (2025) The Association of Neonatal Respiratory Distress With Ciliary Ultrastructure and Genotype in Primary Ciliary Dyskinesia. *Pediatric pulmonology*, 60(5), e71091.

Zhang Y, et al. (2025) SCRIPT: Predicting Single-Cell Long-Range Cis-Regulation Based on Pretrained Graph Attention Networks. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(41), e05021.

Van Vinh L, et al. (2025) Deep clustering of single-cell RNA-seq using adversarial graph contrastive learning. *Briefings in bioinformatics*, 26(4).

Noh MY, et al. (2025) Mutations in NEK1 cause ciliary dysfunction as a novel pathogenic mechanism in amyotrophic lateral sclerosis. *Molecular neurodegeneration*, 20(1), 59.

West CE, et al. (2025) Medullary Thyroid Cancer Risk and Mortality in Carriers of Incidentally Identified MEN2A RET Variants. *JAMA network open*, 8(6), e2517937.

Feng Z, et al. (2025) Modeling combinatorial regulation from single-cell multi-omics provides regulatory units underpinning cell type landscape using cRegulon. *Genome biology*, 26(1), 220.

Kaplanis J, et al. (2025) Assessment of the variant prioritization strategy for genomic newborn screening in the Generation Study. *Genetics in medicine : official journal of the American College of Medical Genetics*, 27(10), 101532.