

Resource Summary Report

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Sherlock

RRID:SCR_001628

Type: Tool

Proper Citation

Sherlock (RRID:SCR_001628)

Resource Information

URL: <http://sherlock.ucsf.edu/>

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Description: Service to discover disease genes in GWAS using eQTL signature matching by simply submitting your list of GWAS associations (SNPs and p-values). It is important to upload all SNPs in your association study, not just the top hits. Sherlock may be able to group multiple lower-confidence SNPs to discover functionally-important genes.

Abbreviations: Sherlock

Resource Type: data or information resource, service resource

Defining Citation: [PMID:23643380](#)

Keywords: genome-wide association study, expression quantitative trait locus, disease gene, snp, gene expression, gene, disease, association, p-value, cis, trans, genetic variation, mapping, phenotype, FASEB list

Funding: NIGMS R01GM070808;
NIGMS U19GM61390;
NIGMS P50 GM081879

Availability: Free, Freely available

Resource Name: Sherlock

Resource ID: SCR_001628

Alternate IDs: nlx_153895

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260815T182159+0000

Ratings and Alerts

No rating or validation information has been found for Sherlock.

No alerts have been found for Sherlock.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 90 mentions in open access literature.

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

Kiakhunthod K, et al. (2026) Two novel species of genus *Streptomyces* isolated from eucalyptus tissues grown in saline soil and their potential as plant growth promoters. *Frontiers in microbiology*, 17, 1819523.

Smith CA, et al. (2026) Molecular basis and biological relevance of bacterial and plant pinorexinol/laricresinol reductase specificities. *Protein science : a publication of the Protein Society*, 35(2), e70436.

Chen H, et al. (2025) Ultrasensitive detection of clinical pathogens through a target-amplification-free collateral-cleavage-enhancing CRISPR-Cas? tool. *Nature communications*, 16(1), 3929.

Baerwald MR, et al. (2025) Rapid CRISPR-Cas13a genetic identification enables new opportunities for listed Chinook salmon management. *Molecular ecology resources*, 25(5), e13777.

Yang Q, et al. (2025) Dynamics of mitochondrial DNA copy number regulation in relation to gastric cancer survival. *Discover oncology*, 16(1), 1090.

Wang Q, et al. (2025) Genetic and transcriptional insights reveal hepatitis C virus as a driver of kidney cancer. *Infectious agents and cancer*, 20(1), 63.

Du W, et al. (2025) Mendelian randomization and transcriptomic analysis reveal a positive cause-and-effect relationship between Alzheimer's disease and colorectal cancer. *Translational oncology*, 51, 102169.

Toth M, et al. (2025) Dual mechanism of the OXA-23 carbapenemase inhibition by the carbapenem NA-1-157. *Antimicrobial agents and chemotherapy*, 69(10), e0091825.

Pérez Antón E, et al. (2025) A CRISPR-based diagnostic tool to survey drug resistance in human African trypanosomiasis. *Antimicrobial agents and chemotherapy*, 69(12), e0093325.

Lee MS, et al. (2025) *Aestuariibius violaceus* sp. nov., isolated from a marine limpet *Cellana toreuma*. International journal of systematic and evolutionary microbiology, 75(7).

Melloul E, et al. (2025) Temporal response of belowground and aboveground organisms to microclimate changes in irrigated mediterranean vineyards. Scientific reports, 15(1), 31561.

Stewart NK, et al. (2025) Evolution of carbapenemase activity in the class C β -lactamase ADC-1. mBio, 16(6), e0018525.

Omachi R, et al. (2025) Development and clinical evaluation of a novel SHERLOCK test for *Mycoplasma genitalium*. Microbiology spectrum, 13(10), e0044525.

Eloiflin R, et al. (2025) A SHERLOCK toolbox for eco-epidemiological surveillance of African trypanosomes in domestic pigs from Western Africa. eLife, 14.

N'Djetchi MK, et al. (2024) Specificity of serological screening tests and reference laboratory tests to diagnose gambiense human African trypanosomiasis: a prospective clinical performance study. Infectious diseases of poverty, 13(1), 53.

Zhai L, et al. (2024) Novel sterol binding domains in bacteria. eLife, 12.

Guermonprez P, et al. (2024) CRISPR-Cas Systems Associated with Electrolyte-Gated Graphene-Based Transistors: How They Work and How to Combine Them. Biosensors, 14(11).

Mikutis S, et al. (2024) Technologies for Targeted RNA Degradation and Induced RNA Decay. Chemical reviews, 124(23), 13301.

Kretsch RC, et al. (2024) Tertiary folds of the SL5 RNA from the 5' proximal region of SARS-CoV-2 and related coronaviruses. Proceedings of the National Academy of Sciences of the United States of America, 121(10), e2320493121.

Owoh N, et al. (2024) An Adaptive Temporal Convolutional Network Autoencoder for Malicious Data Detection in Mobile Crowd Sensing. Sensors (Basel, Switzerland), 24(7).