

Resource Summary Report

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SCAN

RRID:SCR_005185

Type: Tool

Proper Citation

SCAN (RRID:SCR_005185)

Resource Information

URL: <http://www.scandb.org/newinterface/about.html>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on March 17, 2022. A large-scale database of genetics and genomics data associated to a web-interface and a set of methods and algorithms that can be used for mining the data in it. The database contains two categories of single nucleotide polymorphism (SNP) annotations: # Physical-based annotation where SNPs are categorized according to their position relative to genes (intronic, inter-genic, etc.) and according to linkage disequilibrium (LD) patterns (an inter-genic SNP can be annotated to a gene if it is in LD with variation in the gene). # Functional annotation where SNPs are classified according to their effects on expression levels, i.e. whether they are expression quantitative trait loci (eQTLs) for that gene. SCAN can be utilized in several ways including: (i) queries of the SNP and gene databases; (ii) analysis using the attached tools and algorithms; (iii) downloading files with SNP annotation for various GWA platforms. . eQTL files and reported GWAS from NHGRI may be downloaded., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: SCAN

Synonyms: SCAN: SNP and CNV Annotation Database, SCAN - SNP and CNV Annotation Database

Resource Type: data or information resource, database

Defining Citation: [PMID:25818895](#)

Keywords: single nucleotide polymorphism, copy number variation, annotation, genetics, genomics, genome-wide association study, gene, linkage disequilibrium, function, expression quantitative trait loci, expression, quantitative trait loci, chromosome, chromosome region, affymetrix, cerebellum, parietal, liver

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NHLBI U01HL084715;
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NCI P50 CA125183

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: SCAN

Resource ID: SCR_005185

Alternate IDs: OMICS_00181

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260912T200136+0000

Ratings and Alerts

No rating or validation information has been found for SCAN .

No alerts have been found for SCAN .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 740 mentions in open access literature.

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

Carrasco Álvarez ÁA, et al. (2025) Orbital-order as the driving mechanism for superconductivity in ruthenates. Nature communications, 16(1), 1458.

Subramanian A, et al. (2025) Benchmarking the speed-accuracy tradeoff in object recognition by humans and neural networks. Journal of vision, 25(1), 4.

Goeminne R, et al. (2025) Ab Initio Predictions of Adsorption in Flexible Metal-Organic Frameworks for Water Harvesting Applications. Journal of the American Chemical Society, 147(4), 3615.

Landau SM, et al. (2025) Positron emission tomography harmonization in the Alzheimer's Disease Neuroimaging Initiative: A scalable and rigorous approach to multisite amyloid and tau quantification. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(1), e14378.

Brown LR, et al. (2025) Comparison Between Single- and Multi-slice Computed Tomography Body Composition Analysis in Patients With Oesophagogastric Cancer. *Journal of cachexia, sarcopenia and muscle*, 16(1), e13673.

Paredes-Molina DM, et al. (2025) Lactic whey as a potential feedstock for exopolysaccharide production by microalgae strain *Neochloris oleoabundans* UTEX 1185. *Biotechnology for biofuels and bioproducts*, 18(1), 17.

Reents T, et al. (2025) Combinatorial ab initio calculations and core spectroscopy unravel the electronic structure of nickel cobalt manganese oxide. *Scientific reports*, 15(1), 5816.

Ambrosen KS, et al. (2025) Using computer vision of facial expressions to assess symptom domains and treatment response in antipsychotic-naïve patients with first-episode psychosis. *Acta psychiatrica Scandinavica*, 151(3), 270.

Vegrim HM, et al. (2025) High-dose folic acid use and cancer risk in women who have given birth: A register-based cohort study. *Epilepsia*, 66(1), 75.

Pettinato E, et al. (2025) Propionate metabolism in *Desulfurella acetivorans*. *Frontiers in microbiology*, 16, 1545849.

Vavoulis DV, et al. (2025) Multimodal cell-free DNA whole-genome TAPS is sensitive and reveals specific cancer signals. *Nature communications*, 16(1), 430.

Rehman Z, et al. (2025) Organic NMR crystallography: enabling progress for applications to pharmaceuticals and plant cell walls. *Faraday discussions*, 255, 222.

Li S, et al. (2024) Competing Kinetic Consequences of CO₂ on the Oxidative Degradation of Branched Poly(ethylenimine). *Journal of the American Chemical Society*, 146(41), 28201.

Liang R, et al. (2024) PMI-controlled mannose metabolism and glycosylation determines tissue tolerance and virus fitness. *Nature communications*, 15(1), 2144.

Nicolás Carcelén J, et al. (2024) Evaluation of different isotope dilution mass spectrometry strategies for the characterization of naturally abundant and isotopically labelled peptide standards. *Analytical and bioanalytical chemistry*, 416(7), 1717.

Farooq S, et al. (2024) Development and initial evaluation of a clinical prediction model for risk of treatment resistance in first-episode psychosis: Schizophrenia Prediction of Resistance to Treatment (SPIRIT). *The British journal of psychiatry : the journal of mental science*, 225(3), 379.

Fahrni S, et al. (2024) Forensic exploitation of patterned injuries: Promoting structured analysis as an early assessment for comparison process. *Forensic science international. Synergy*, 8, 100469.

Feng BY, et al. (2024) Comprehensive biochemical analysis and nutritional evaluation of fatty acid and amino acid profiles in eight seahorse species (*Hippocampus* spp.). *Heliyon*, 10(12), e33220.

Jordán Z, et al. (2024) Epileptiform discharges in the anterior thalamus of epilepsy patients. *iScience*, 27(5), 109582.

Zhang C, et al. (2024) Molecular-scale insights into the electrical double layer at oxide-electrolyte interfaces. *Nature communications*, 15(1), 10270.