

Resource Summary Report

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SNPSTATS

RRID:SCR_002142

Type: Tool

Proper Citation

SNPSTATS (RRID:SCR_002142)

Resource Information

URL: <https://www.snpstats.net/>

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Description: A web-based application designed from a genetic epidemiology point of view to analyze association studies using single nucleotide polymorphisms (SNPs). For each selected SNP, you will receive: * Allele and genotype frequencies * Test for Hardy-Weinberg equilibrium * Analysis of association with a response variable based on linear or logistic regression * Multiple inheritance models: co-dominant, dominant, recessive, over-dominant and additive * Analysis of interactions (gene-gene or gene-environment) If multiple SNPs are selected: * Linkage disequilibrium statistics * Haplotype frequency estimation * Analysis of association of haplotypes with the response * Analysis of interactions (haplotypes-covariate)

Abbreviations: SNPStats

Synonyms: SNP STATisticS

Resource Type: data analysis service, service resource, source code, production service resource, software resource, analysis service resource

Defining Citation: [PMID:16720584](#)

Keywords: gene, genetic, genomic, single nucleotide polymorphism, association study, genetic, epidemiology, allele, frequency, genotype, allele frequency, genotype frequency, hardy-weinberg equilibrium, linkage disequilibrium, haplotype frequency, haplotype, interaction, haplotypes-covariate, association, linear regression, logistic regression, inheritance model, co-dominant, dominant, recessive, over-dominant, additive, gene-gene, gene-environment

Availability: Free, Available for download, Freely available

Resource Name: SNPSTATS

Resource ID: SCR_002142

Alternate IDs: nlx_154650

Old URLs: <http://bioinfo.iconcologia.net/snpstats/>

License: GNU General Public License

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260801T042513+0000

Ratings and Alerts

No rating or validation information has been found for SNPSTATS.

No alerts have been found for SNPSTATS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 619 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Liao X, et al. (2026) Impact of Hypoxia-Inducible Factor-1? Gene Polymorphisms on Renal Cell Carcinoma Susceptibility in a Chinese Han Population. Lifestyle genomics, 19(1), 1.

Li Z, et al. (2025) The role of CDK8 gene polymorphisms in bladder cancer susceptibility and prognosis: a study in the Chinese Han population. BMC cancer, 25(1), 714.

Liu X, et al. (2025) Gene polymorphisms of miR-323b and miR-1343 that regulate kininogen L are associated with schizophrenia susceptibility: A preliminary population? based study. Biomolecules & biomedicine, 25(6), 1293.

Carrión-Nessi FS, et al. (2025) TLR9 gene polymorphism -1237T/C (rs5743836) is associated with low IgG antibody response against PvCSP variants in symptomatic P. vivax infections in Venezuela. PLoS neglected tropical diseases, 19(6), e0013262.

Al-Sanabra OM, et al. (2025) Novel Association of Thrombophilic PROS1, PROC and CPB2 Genes Polymorphisms with Recurrent Spontaneous Miscarriage Women in Jordan. Clinical and applied thrombosis/hemostasis : official journal of the International Academy of Clinical and Applied Thrombosis/Hemostasis, 31, 10760296251333783.

Segura A, et al. (2025) Erectile dysfunction in cardiovascular patients: A prospective study of the eNOS gene T-786C, G894T, and INTRON variable number of the tandem repeat functional interaction. Andrology, 13(4), 794.

Sharifi A, et al. (2025) Deciphering the Role of Calcium Signaling Pathway-Associated Single Nucleotide Variants in Susceptibility to Hypertension. *Journal of clinical laboratory analysis*, 39(3), e25141.

Kalmaz M, et al. (2025) Decoding the Potential Impact of Plasma hsa-miR-24-3p and hsa-miR-181 d-3p Expression, Plasma IFN- γ Levels, and IFNG rs2069727 T/C Genetic Variant on Multiple Sclerosis Risk and Glatiramer Acetate Treatment. *Molecular neurobiology*, 62(10), 12865.

Mahajan D, et al. (2025) Association of Insertion/Deletion Polymorphisms of MDM2, MCP-1 and VEGF with Esophageal Cancer Risk in North-West Indians: A Case - Control Study. *Asian Pacific journal of cancer prevention : APJCP*, 26(5), 1623.

Nateghi A, et al. (2025) Association of Cannabinoid CB2 Receptor Q63R Variant With Rheumatoid Arthritis in an Iranian Cohort. *International journal of genomics*, 2025, 6182868.

Zhou X, et al. (2025) Association of MiRNA Polymorphisms Involved in the PI3K/ATK/GSK3 γ Pathway with T2DM in a Chinese Population. *Pharmacogenomics and personalized medicine*, 18, 71.

Xu J, et al. (2025) Identification of genetic variants of the IL18R1 gene in association with COPD susceptibility. *Annals of medicine*, 57(1), 2446690.

Gao Y, et al. (2025) Interactions Between BMP2/BMP4 Gene Polymorphisms and Fluoride Exposure on Essential Hypertension: A Cross-Sectional Study in China. *Toxics*, 13(2).

Thomas L, et al. (2025) Pharmacogenomic heterogeneity of N-acetyltransferase 2: a comprehensive analysis of real world data in Indian tuberculosis patients and from literature and database review. *Annals of medicine*, 57(1), 2478316.

Al-Eitan L, et al. (2025) Investigating genetic links of vitamin D metabolism pathway genes (CYP2R1, CYP27B1, CYP24A1, and DBP) in Multiple Sclerosis patients. *PloS one*, 20(10), e0333924.

Di Menna L, et al. (2025) Preclinical and clinical study on type 3 metabotropic glutamate receptors in Parkinson's disease. *NPJ Parkinson's disease*, 11(1), 9.

Al-Sanabra O, et al. (2025) The influence of dopamine receptor SNPs on substance use disorder in a Jordanian cohort. *BMC research notes*, 18(1), 487.

Schröder N, et al. (2025) Toll interacting protein gene polymorphisms in patients with systemic sclerosis: association with interstitial lung disease, outcome, and survival. *Frontiers in medicine*, 12, 1584014.

Aljuaimlani A, et al. (2025) The Association of IL-17RC Polymorphisms rs708567 and rs76999397 With Acute Lymphoblastic Leukaemia. *International journal of immunogenetics*, 52(6), 352.

Al-Eitan L, et al. (2025) Effect of serotonin receptor gene variants on substance use disorders. *Annals of medicine*, 57(1), 2445779.