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: 20260801T190208+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 ASWG .

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.

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).

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.

Zhou X, et al. (2025) Association of MiRNA Polymorphisms Involved in the PI3K/ATK/GSK3? 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.

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.

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

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.

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.

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.