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

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: 20260905T132444+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 668 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Del Casale A, et al. (2026) Investigating DRD2 and HTR2A polymorphisms in treatment-resistant schizophrenia: a comparative analysis with other treatment-resistant mental disorders and the healthy state. European archives of psychiatry and clinical neuroscience, 276(3), 1221.

Paradowska E, et al. (2026) TLR7 polymorphisms are associated with COVID-19 susceptibility and severity. Frontiers in immunology, 17, 1837208.

Schröder N, et al. (2026) Toll interacting protein (TOLLIP) serum concentration in patients with systemic sclerosis (SSc), with and without interstitial lung disease (ILD). BMJ open respiratory research, 13(1).

Ihazmade H, et al. (2026) Genetic variations on influenza virus infection outcomes in Moroccan patients. Iranian journal of microbiology, 18(3), 357.

Alrdahe SS, et al. (2026) Genetic insights into hepatocellular carcinoma: the role of VDR FokI (rs2228570) and TaqI (rs731236) polymorphisms in Egyptian patients. BMC medical genomics, 19(1).

Lee Y, et al. (2026) Genetic Association of HTR1B and HTR2A Gene Polymorphisms with ADHD in Korean Children and Adolescents: A Case Control Study. Genes, 17(5).

Al-Eitan L, et al. (2026) Evaluation of XRCC4 and VEGF Gene Variants in Relation to Breast Cancer Risk in a Jordanian Cohort. Cancer management and research, 18, 595329.

Al-Eitan LN, et al. (2026) Vitamin D-related genetic variants as predictive biomarkers for breast cancer in Jordanian women. Frontiers in medicine, 13, 1816935.

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.

Aqillouch S, et al. (2026) Genetic polymorphisms and expression of SARS-CoV-2 host entry genes associate with COVID-19 severity in an unvaccinated Moroccan cohort. BMC medical genomics, 19(1).

Kami M, et al. (2026) Association of Vitamin D Receptor Gene Polymorphisms with Periodontitis. Journal of dentistry (Shiraz, Iran), 27(4), 33.

Coelho SDS, et al. (2026) Genetic background and immune response in paracoccidioidomycosis: A systematic review and meta-analysis of single nucleotide variants. PLoS neglected tropical diseases, 20(3), e0014110.

Ma PT, et al. (2026) An Exploratory Study of ADIPOQ Polymorphisms, Adiponectin Levels and Metabolic Syndrome in a Vietnamese Population. International journal of molecular sciences, 27(4).

de Lima CAD, et al. (2026) A Bone-Protective Role for IFN-?? Evidence from Genetic Association and Osteoblast Functional Assays in Postmenopausal Osteoporosis. International journal of molecular sciences, 27(12).

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.

de la Cruz CG, et al. (2025) CYP2C9 Promoter Variable Number Tandem Repeat Polymorphism in a Dominican Population: Exploring Differences with Genetic Ancestry. Genes, 16(5).

Montalvo AD, et al. (2025) The Association Between Promoter Tandem Repeat Polymorphism (pVNTR) and CYP2C9 Gene Expression in Human Liver Samples. Genes, 16(2).

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.

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.