Resource Summary Report

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THESIAS

RRID:SCR_013449
Type: Tool

Proper Citation

THESIAS (RRID:SCR_013449)

Resource Information

URL: http://genecanvas.ecgene.net/#!index.md#THESIAS:_testing_haplotype_effects_in_association_stu

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Description: Software program that performs haplotype-based association analysis in unrelated individuals. This program is based on a maximum likelihood model described in Tregouet et al. 2002 and is linked to the stochastic EM (SEM) algorithm. THESIAS allows the simultaneous estimation of haplotype frequencies and of their associated effects on the phenotype of interest. In its current version, both quantitative and qualitative phenotypes can be studied. Covariate-adjusted haplotype effects as well as haplotype x covariate interactions can be investigated. (entry from Genetic Analysis Software)

Abbreviations: THESIAS

Synonyms: Testing Haplotype EffectS In Association Studies

Resource Type: software application, software resource

Defining Citation: DOI:10.1093/bioinformatics/btm058

Keywords: gene, genetic, genomic, ms-windows, linux, bio.tools

Resource Name: THESIAS

Resource ID: SCR_013449

Alternate IDs: nlx_154102, OMICS_19747, biotools:tHESIAS

Alternate URLs: https://bio.tools/THESIAS, https://sources.debian.org/src/thesias/

Old URLs: http://ecgene.net/genecanvas/downloads.php?cat_id=1

Record Creation Time: 20220129T080316+0000

Record Last Update: 20260912T200249+0000

Ratings and Alerts

No rating or validation information has been found for THESIAS.

No alerts have been found for THESIAS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Stepic S, et al. (2026) CSN1S1 and CSN3 genetic variants affect milk quality traits in the buffalo population in Serbia. Journal of animal science and technology, 68(3), 714.

Zeljkovic I, et al. (2026) Genetic variability of immune checkpoints in asbestos-related diseases. Radiology and oncology, 60(2), 271.

Rojo-Tolosa S, et al. (2025) Drug survival of omalizumab in atopic asthma: Impact of clinical and genetic variables. Human vaccines & immunotherapeutics, 21(1), 2488557.

Štampar P, et al. (2024) Genetic variability in the glucocorticoid pathway and treatment outcomes in hospitalized patients with COVID-19: a pilot study. Frontiers in pharmacology, 15, 1418567.

Zupanc C, et al. (2023) The association of genetic factors with serum calretinin levels in asbestos-related diseases. Radiology and oncology, 57(4), 473.

Said R, et al. (2022) Minor histocompatibility antigens HA-8 and PANE1 in the TUNISIAN population. Molecular genetics & genomic medicine, 10(11), e2050.

Djordjevic A, et al. (2022) Tag Variants of LGALS-3 Containing Haplotype Block in Advanced Carotid Atherosclerosis. Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association, 31(1), 106212.

Münch-Anguiano L, et al. (2022) Genetic analysis of the ZNF804A gene in Mexican patients with schizophrenia, schizoaffective disorder and bipolar disorder. Gene, 829, 146508.

Lu Y, et al. (2022) Correlation between platelet-derived growth factor-B gene polymorphism and coronary heart disease. Journal of clinical laboratory analysis, 36(10), e24683.

Kuveljic J, et al. (2021) Association of PHACTR1 intronic variants with the first myocardial infarction and their effect on PHACTR1 mRNA expression in PBMCs. Gene, 775, 145428.

Esih K, et al. (2021) Genetic Polymorphisms, Gene-Gene Interactions and Neurologic Sequelae at Two Years Follow-Up in Newborns with Hypoxic-Ischemic Encephalopathy Treated with Hypothermia. Antioxidants (Basel, Switzerland), 10(9).

Brazeau DA, et al. (2020) Beyond Single Nucleotide Polymorphisms: CYP3A5?3?6?7 Composite and ABCB1 Haplotype Associations to Tacrolimus Pharmacokinetics in Black and White Renal Transplant Recipients. Frontiers in genetics, 11, 889.

Shen H, et al. (2020) Vitamin D receptor genetic polymorphisms are associated with oral lichen planus susceptibility in a Chinese Han population. BMC oral health, 20(1), 26.

Soyal SM, et al. (2020) A TOMM40/APOE allele encoding APOE-E3 predicts high likelihood of late-onset Alzheimer's disease in autopsy cases. Molecular genetics & genomic medicine, 8(8), e1317.

Royo JL, et al. (2020) Monoamino oxidase alleles correlate with the presence of essential hypertension among hypogonadic patients. Molecular genetics & genomic medicine, 8(1), e1040.

Marinko T, et al. (2020) Genetic Variability of Antioxidative Mechanisms and Cardiotoxicity after Adjuvant Radiotherapy in HER2-Positive Breast Cancer Patients. Disease markers, 2020, 6645588.

Štrbac D, et al. (2019) Evaluation of Matrix Metalloproteinase 9 Serum Concentration as a Biomarker in Malignant Mesothelioma. Disease markers, 2019, 1242964.

Vereczkei A, et al. (2019) Association of purinergic receptor P2RX7 gene polymorphisms with depression symptoms. Progress in neuro-psychopharmacology & biological psychiatry, 92, 207.

Kuveljic J, et al. (2019) PHACTR1 haplotypes are associated with carotid plaque presence and affect PHACTR1 mRNA expression in carotid plaque tissue. Gene, 710, 273.

Horinouchi S, et al. (2019) Effect of a Single Nucleotide Polymorphism in the Cholecystokinin Type A Receptor Gene on Growth Traits of the Miyazaki Jitokko Chicken. The journal of poultry science, 56(2), 96.