Resource Summary Report

Generated by dkNET on Apr 16, 2025

INTERSNP

RRID:SCR_009244
Type: Tool

Proper Citation

INTERSNP (RRID:SCR_009244)

Resource Information

URL: http://intersnp.meb.uni-bonn.de/

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Description: Software application for genome-wide interaction analysis (GWIA) of case-control SNP data. SNPs are selected for joint analysis using a priori information. Sources of information to define meaningful strategies can be statistical evidence (single marker association at a moderate level, computed from the own data) and genetic/biologic relevance (genomic location, function class or pathway information). (entry from Genetic Analysis Software)

Abbreviations: INTERSNP

Synonyms: genome-wide association and INTERaction analysis of SNP

Resource Type: software resource, software application

Keywords: gene, genetic, genomic, c/c++, unix, ms-windows, macos

Funding:

Resource Name: INTERSNP

Resource ID: SCR_009244

Alternate IDs: nlx_154409

Record Creation Time: 20220129T080251+0000

Record Last Update: 20250416T063541+0000

Ratings and Alerts

No rating or validation information has been found for INTERSNP.

No alerts have been found for INTERSNP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Xu X, et al. (2022) Systems Genetic Identification of Mitochondrion-Associated Alzheimer's Disease Genes and Implications for Disease Risk Prediction. Biomedicines, 10(8).

Ghasemi S, et al. (2022) Discovery of novel eGFR-associated multiple independent signals using a quasi-adaptive method. Frontiers in genetics, 13, 997302.

Yashin AI, et al. (2021) Roles of interacting stress-related genes in lifespan regulation: insights for translating experimental findings to humans. Journal of translational genetics and genomics, 5(4), 357.

Ukraintseva S, et al. (2021) Interactions Between Genes From Aging Pathways May Influence Human Lifespan and Improve Animal to Human Translation. Frontiers in cell and developmental biology, 9, 692020.

Slim L, et al. (2020) Novel methods for epistasis detection in genome-wide association studies. PloS one, 15(11), e0242927.

Mangelson H, et al. (2019) The genome of Chenopodium pallidicaule: An emerging Andean super grain. Applications in plant sciences, 7(11), e11300.

Maughan PJ, et al. (2019) Genomic insights from the first chromosome-scale assemblies of oat (Avena spp.) diploid species. BMC biology, 17(1), 92.

Chattopadhyay S, et al. (2018) Enrichment of B cell receptor signaling and epidermal growth factor receptor pathways in monoclonal gammopathy of undetermined significance: a genome-wide genetic interaction study. Molecular medicine (Cambridge, Mass.), 24(1), 30.

Lightfoot DJ, et al. (2017) Single-molecule sequencing and Hi-C-based proximity-guided assembly of amaranth (Amaranthus hypochondriacus) chromosomes provide insights into genome evolution. BMC biology, 15(1), 74.

Hohman TJ, et al. (2016) Discovery of gene-gene interactions across multiple independent data sets of late onset Alzheimer disease from the Alzheimer Disease Genetics Consortium. Neurobiology of aging, 38, 141.

Page JT, et al. (2016) DNA Sequence Evolution and Rare Homoeologous Conversion in Tetraploid Cotton. PLoS genetics, 12(5), e1006012.

Grigoroiu-Serbanescu M, et al. (2015) Association of age-of-onset groups with GWAS significant schizophrenia and bipolar disorder loci in Romanian bipolar I patients. Psychiatry research, 230(3), 964.

Yan J, et al. (2015) Hippocampal transcriptome-guided genetic analysis of correlated episodic memory phenotypes in Alzheimer's disease. Frontiers in genetics, 6, 117.

Musameh MD, et al. (2015) Analysis of gene-gene interactions among common variants in candidate cardiovascular genes in coronary artery disease. PloS one, 10(2), e0117684.

Li J, et al. (2015) Genetic Interactions Explain Variance in Cingulate Amyloid Burden: An AV-45 PET Genome-Wide Association and Interaction Study in the ADNI Cohort. BioMed research international, 2015, 647389.

Huang Y, et al. (2015) Molecular Basis of Gene-Gene Interaction: Cyclic Cross-Regulation of Gene Expression and Post-GWAS Gene-Gene Interaction Involved in Atrial Fibrillation. PLoS genetics, 11(8), e1005393.

Meda SA, et al. (2013) Genetic interactions associated with 12-month atrophy in hippocampus and entorhinal cortex in Alzheimer's Disease Neuroimaging Initiative. Neurobiology of aging, 34(5), 1518.e9.

Herold C, et al. (2013) A one-degree-of-freedom test for supra-multiplicativity of SNP effects. PloS one, 8(10), e78038.