Resource Summary Report

Generated by dkNET on Apr 30, 2025

pfSNP

RRID:SCR_002167
Type: Tool

Proper Citation

pfSNP (RRID:SCR_002167)

Resource Information

URL: http://pfs.nus.edu.sg/(S(dyrcwejlfws33vxe23zlvrf3))/CopyRightNotice.aspx?ReturnURL=%2fQueryInterf

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Description: Search engine integrating various bio-informatic resources and algorithims to produce a one-stop resource for biologists to identify potentially functional SNPs. It caters to different groups of scientists interested in SNPs including those working in the following areas: * Whole-genome association studies * Gene-based association studies * Designing experiments to address the functionality of specific SNPs * Determining potentially functionally significant SNPs that are in LD with non-pfSNPs of interest. Users may add published SNP functions.

Abbreviations: pfSNP

Synonyms: Potentially Functional SNP Search Engine, pfSNP Search Engine

Resource Type: data repository, service resource, database, storage service resource, data or information resource

Defining Citation: PMID:20672376

Keywords: single nucleotide polymorphism, function, association study, gene, genome

Funding:

Availability: Acknowledgement required, Terms of Use, Non-commercial, Commercial with permission, The community can contribute to this resource

Resource Name: pfSNP

Resource ID: SCR_002167

Alternate IDs: OMICS_01854

Record Creation Time: 20220129T080211+0000

Record Last Update: 20250430T055137+0000

Ratings and Alerts

No rating or validation information has been found for pfSNP.

No alerts have been found for pfSNP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Bachtiar M, et al. (2019) Architecture of population-differentiated polymorphisms in the human genome. PloS one, 14(10), e0224089.

Bachtiar M, et al. (2019) Towards precision medicine: interrogating the human genome to identify drug pathways associated with potentially functional, population-differentiated polymorphisms. The pharmacogenomics journal, 19(6), 516.

Jin Y, et al. (2018) Architecture of polymorphisms in the human genome reveals functionally important and positively selected variants in immune response and drug transporter genes. Human genomics, 12(1), 43.

Hayes P, et al. (2015) Defects in NADPH Oxidase Genes NOX1 and DUOX2 in Very Early Onset Inflammatory Bowel Disease. Cellular and molecular gastroenterology and hepatology, 1(5), 489.

Sullivan I, et al. (2014) Pharmacogenetics of the DNA repair pathways in advanced non-small cell lung cancer patients treated with platinum-based chemotherapy. Cancer letters, 353(2), 160.

Wang J, et al. (2014) Potentially functional SNPs (pfSNPs) as novel genomic predictors of 5-

FU response in metastatic colorectal cancer patients. PloS one, 9(11), e111694.

Wei ZH, et al. (2014) A nonsense mutation in the Xeroderma pigmentosum complementation group F (XPF) gene is associated with gastric carcinogenesis. Gene, 537(2), 238.