Resource Summary Report

Generated by NIF on Apr 17, 2025

SNPMeta

RRID:SCR_002005
Type: Tool

Proper Citation

SNPMeta (RRID:SCR_002005)

Resource Information

URL: http://www.tc.umn.edu/~konox006/Code/SNPMeta/

Proper Citation: SNPMeta (RRID:SCR_002005)

Description: A Python and BioPython-based tool to generate metadata for single nucleotide polymorphisms (SNPs) for easy filtering, or submission to SNP databases. Information reported includes gene name, whether the SNP is coding or noncoding, and whether the SNP is synonymous or nonsynonymous. SNPMeta outputs in either a dbSNP submission report format, or a tab-delimited format. There is a also Web-based version available that only annotates with default settings, and only annotates a maximum of 20 SNPs at one time. The script may be downloaded for full functionality.

Abbreviations: SNPMeta

Resource Type: data analysis service, analysis service resource, production service resource, software resource, service resource

Defining Citation: PMID:24237904

Keywords: single nucleotide polymorphism, coding, noncoding, , synonymous, nonsynonymous, python, biopython, metadata, annotation

Funding:

Availability: Acknowledgement requested

Resource Name: SNPMeta

Resource ID: SCR_002005

Alternate IDs: OMICS_01923

Record Creation Time: 20220129T080210+0000

Record Last Update: 20250417T065104+0000

Ratings and Alerts

No rating or validation information has been found for SNPMeta.

No alerts have been found for SNPMeta.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Justice AE, et al. (2017) Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature communications, 8, 14977.