Resource Summary Report

Generated by NIF on May 4, 2025

genetics

RRID:SCR_024279
Type: Tool

Proper Citation

genetics (RRID:SCR_024279)

Resource Information

URL: https://cran.r-project.org/web/packages/genetics/index.html

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Description: Software R package for handling genetic data. Includes classes to represent genotypes and haplotypes at single markers up to multiple markers on multiple chromosomes. Function include allele frequencies, flagging homo/heterozygotes, flagging carriers of certain alleles, estimating and testing for Hardy-Weinberg disequilibrium, estimating and testing for linkage disequilibrium.

Resource Type: software toolkit, software resource

Keywords: handling genetic data, allele frequencies, flagging homo/heterozygotes, flagging carriers of certain alleles, estimating and testing for Hardy-Weinberg disequilibrium, estimating and testing for linkage disequilibrium,

Funding:

Availability: Free, Available for download, Freely available,

Resource Name: genetics

Resource ID: SCR_024279

Alternate URLs: https://sources.debian.org/src/r-cran-genetics/

License: GPL-2 | GPL-3 [expanded from: GPL]

Record Creation Time: 20230830T050217+0000

Record Last Update: 20250503T061141+0000

Ratings and Alerts

No rating or validation information has been found for genetics.

No alerts have been found for genetics.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Sombié A, et al. (2023) Association of 410L, 1016I and 1534C kdr mutations with pyrethroid resistance in Aedes aegypti from Ouagadougou, Burkina Faso, and development of a one-step multiplex PCR method for the simultaneous detection of 1534C and 1016I kdr mutations. Parasites & vectors, 16(1), 137.

Sombié A, et al. (2019) High frequencies of F1534C and V1016I kdr mutations and association with pyrethroid resistance in Aedes aegypti from Somgandé (Ouagadougou), Burkina Faso. Tropical medicine and health, 47, 2.

Fassinou AJYH, et al. (2019) Pesticides and the evolution of the genetic structure of Anopheles coluzzii populations in some localities in Benin (West Africa). Malaria journal, 18(1), 407.