

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## genetics

RRID:SCR\_024279

Type: Tool

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### Proper Citation

genetics (RRID:SCR\_024279)

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### Resource Information

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

**Proper Citation:** genetics (RRID:SCR\_024279)

**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,

**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:** 20260729T044603+0000

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### Ratings and Alerts

No rating or validation information has been found for genetics.

No alerts have been found for genetics.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## 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.