

Resource Summary Report

Generated by SPARC SAWG on Sep 12, 2026

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>

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 resource, software toolkit

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: 20260912T200116+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 [SPARC SAWG](#) .

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.