**Genetic Analysis Package**

**RRID:** SCR_003006  
**Type:** Tool

**Proper Citation**  
Genetic Analysis Package (RRID:SCR_003006)

**Resource Information**

**URL:** [http://cran.r-project.org/web/packages/gap/](http://cran.r-project.org/web/packages/gap/)

**Proper Citation:** Genetic Analysis Package (RRID:SCR_003006)

**Description:** GAP is designed as an integrated package for genetic data analysis of both population and family data. Currently, it contains functions for sample size calculations of both population-based and family-based designs, classic twin models, probability of familial disease aggregation, kinship calculation, some statistics in linkage analysis, and association analysis involving one or more genetic markers including haplotype analysis with or without environmental covariates.

**Synonyms:** GAP

**Resource Type:** software resource

**Keywords:** genetic, analysis, package, data, population, family, calculation, family, disease, aggregation, kinship, environmental, covariate, haplotype, marker

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**Ratings and Alerts**

No rating or validation information has been found for Genetic Analysis Package.

No alerts have been found for Genetic Analysis Package.
Usage and Citation Metrics

We found 1 mentions in open access literature.

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