Resource Summary Report

Generated by NIF on May 25, 2025

CpGassoc

RRID:SCR_000320
Type: Tool

Proper Citation

CpGassoc (RRID:SCR_000320)

Resource Information

URL: http://cran.r-project.org/web/packages/CpGassoc/index.html

Proper Citation: CpGassoc (RRID:SCR_000320)

Description: Software R package to test association between methylation at CpG sites across genome and phenotype of interest, adjusting for any relevant covariates. Can perform standard analyses of large datasets without need to manually input data. Can handle mixed effects models with chip or batch entering model as random intercept. Includes tools to apply quality control filters, perform permutation tests, and create QQ plots, manhattan plots, and scatterplots for individual CpG sites.

Resource Type: software resource, software toolkit

Defining Citation: PMID:22451269

Keywords: control filters, permutation test, qq plots, manhattan plots, scatterplots, phenotype, sequence analysis software, cpg

Funding:

Availability: Free, Available for download, Freely available

Resource Name: CpGassoc

Resource ID: SCR_000320

Alternate IDs: OMICS_00793

License: GPL-3

Record Creation Time: 20220129T080200+0000

Record Last Update: 20250525T032022+0000

Ratings and Alerts

No rating or validation information has been found for CpGassoc.

No alerts have been found for CpGassoc.

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.

Almstrup K, et al. (2016) Pubertal development in healthy children is mirrored by DNA methylation patterns in peripheral blood. Scientific reports, 6, 28657.