

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

## CpGassoc

RRID:SCR\_000320

Type: Tool

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### Proper Citation

CpGassoc (RRID:SCR\_000320)

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### Resource Information

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

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**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

**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:** 20260801T042453+0000

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### Ratings and Alerts

No rating or validation information has been found for CpGassoc.

No alerts have been found for CpGassoc.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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