

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 14, 2026

GADMA

RRID:SCR_017680

Type: Tool

Proper Citation

GADMA (RRID:SCR_017680)

Resource Information

URL: <https://github.com/ctlab/GADMA>

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Description: Software tool to implement methods for automatic inferring joint demographic history of multiple populations from genetic data. Genetic algorithm for inferring demographic history of multiple populations from allele frequency spectrum data.

Abbreviations: GADMA

Synonyms: Genetic Algorithm for Demographic Model Analysis

Resource Type: data analysis software, data processing software, software application, software resource

Defining Citation: [DOI:10.1101/407734](https://doi.org/10.1101/407734)

Keywords: Inferring, demographic, history, population, genetic, data, allele, frequency, spectrum, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: GADMA

Resource ID: SCR_017680

Alternate IDs: biotools:GADMA

Alternate URLs: <https://bio.tools/GADMA>

License: GNU GPL v3

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260912T195855+0000

Ratings and Alerts

No rating or validation information has been found for GADMA.

No alerts have been found for GADMA.

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](#) .

Noskova E, et al. (2023) Bayesian optimization for demographic inference. G3 (Bethesda, Md.), 13(7).

Noskova E, et al. (2022) GADMA2: more efficient and flexible demographic inference from genetic data. GigaScience, 12.

Noskova E, et al. (2020) GADMA: Genetic algorithm for inferring demographic history of multiple populations from allele frequency spectrum data. GigaScience, 9(3).