# **Resource Summary Report**

Generated by NIF on May 20, 2025

# **DIYABC**

RRID:SCR\_012031

Type: Tool

### **Proper Citation**

DIYABC (RRID:SCR\_012031)

#### **Resource Information**

URL: http://www1.montpellier.inra.fr/CBGP/diyabc/

**Proper Citation:** DIYABC (RRID:SCR\_012031)

**Description:** Software to make Approximate Bayesian Computation inferences about population history using Single Nucleotide Polymorphism, DNA sequence and microsatellite data.

**Abbreviations: DIYABC** 

Synonyms: Do It Yourself ABC, DIYABC - Do it yourself ABC

**Resource Type:** software resource

**Defining Citation: PMID:24389659** 

Keywords: population, single nucleotide polymorphism, dna sequence, microsatellite

**Funding:** 

Availability: Free for academic use

Resource Name: DIYABC

Resource ID: SCR\_012031

Alternate IDs: OMICS\_02197

**Record Creation Time:** 20220129T080308+0000

Record Last Update: 20250519T203715+0000

## **Ratings and Alerts**

No rating or validation information has been found for DIYABC.

No alerts have been found for DIYABC.

#### Data and Source Information

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 247 mentions in open access literature.

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

Co?gun S, et al. (2025) Genetic Differentiation of Abies alba Outside Its Main Range Under Warm Meso- and Sub-Mediterranean Conditions in Italy and Switzerland. Ecology and evolution, 15(2), e70909.

Ruiz-Montoya L, et al. (2024) Mass-Rearing Conditions Do Not Always Reduce Genetic Diversity: The Case of the Mexican Fruit Fly, Anastrepha ludens (Diptera: Tephritidae). Insects, 15(1).

Waraniak JM, et al. (2024) Population genetic structure and demographic history reconstruction of introduced flathead catfish (Pylodictis olivaris) in two US Mid-Atlantic rivers. Journal of fish biology, 105(6), 1614.

Gao Y, et al. (2024) Genomic insights into differentiation and adaptation of Amorphophallus yunnanensis in the mountainous region of Southwest China. Ecology and evolution, 14(1), e10861.

Shen Y, et al. (2024) Genetic diversity and shallow genetic differentiation of the endangered scaly-sided merganser Mergus squamatus. Ecology and evolution, 14(7), e70011.

Harkness BAS, et al. (2024) Historical fragmentation and stepping-stone gene flow led to population genetic differentiation in a coastal seabird. Ecology and evolution, 14(4), e11204.

Laface VLA, et al. (2024) Genetic structure of populations of Salvia ceratophylloides endemic to southern Calabria (southern Italy). Heliyon, 10(16), e35875.

Yonezawa T, et al. (2024) Origin and spatial population structure of Malagasy native chickens based on mitochondrial DNA. Scientific reports, 14(1), 569.

Kouakou JL, et al. (2024) Population genetic structure and historical demography of the population of forest elephants in Côte d'Ivoire. PloS one, 19(8), e0300468.

Esquibet M, et al. (2024) Europe as a secondary distribution hub in the worldwide invasion of the potato cyst nematode Globodera rostochiensis. Scientific reports, 14(1), 13915.

Liu X, et al. (2024) Population structure and diversification of Gymnospermium kiangnanense, a plant species with extremely small populations endemic to eastern China. PeerJ, 12, e17554.

Liu Y, et al. (2024) Conservation genetics and potential geographic distribution modeling of Corybas taliensis, a small 'sky Island' orchid species in China. BMC plant biology, 24(1), 11.

Abe H, et al. (2024) Evolutionary Histories of Camellia japonica and Camellia rusticana. Ecology and evolution, 14(12), e70721.

Nardi F, et al. (2024) The direction, timing and demography of Popillia japonica (Coleoptera) invasion reconstructed using complete mitochondrial genomes. Scientific reports, 14(1), 7120.

Castillo-Rodríguez N, et al. (2024) First genetic evaluation of a wild population of Crocodylus intermedius: New insights for the recovery of a Critically Endangered species. PloS one, 19(10), e0311412.

Ong HG, et al. (2024) Population connectivity and size reductions in the Anthropocene: the consequence of landscapes and historical bottlenecks in white forsythia fragmented habitats. BMC ecology and evolution, 24(1), 123.

Crowell RM, et al. (2024) Population genetics of the freshwater red alga Batrachospermum gelatinosum (Rhodophyta) II: Phylogeographic analyses reveal spatial genetic structure among and within five major drainage basins in eastern North America. Journal of phycology, 60(6), 1437.

Cui M, et al. (2024) Tracking the North American Asian Longhorned Beetle Invasion With Genomics. Evolutionary applications, 17(11), e70036.

Albuja-Quintana M, et al. (2024) Preliminary insights of the genetic diversity and invasion pathways of Cedrela odorata in the Galapagos Islands, Ecuador. Ecology and evolution, 14(7), e11723.

Lima T, et al. (2023) Insights into the evolutionary history of the most skilled tool-handling platyrrhini monkey: Sapajus libidinosus from the Serra da Capivara National Park. Genetics and molecular biology, 46(3 Suppl 1), e20230165.