

Resource Summary Report

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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

Availability: Free for academic use

Resource Name: DIYABC

Resource ID: SCR_012031

Alternate IDs: OMICS_02197

Record Creation Time: 20220129T080308+0000

Record Last Update: 20260801T190429+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 260 mentions in open access literature.

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

Chen Y, et al. (2025) Genetic Pattern and Demographic History of Orange-Spotted Grouper (*Epinephelus coioides*) in the South China Sea by the Influence of Pleistocene Climatic Oscillations. *Ecology and evolution*, 15(2), e70967.

Xu XM, et al. (2025) Next-generation sequencing-based population genetics unravels the evolutionary history of *Rhodomyrtus tomentosa* in China. *BMC plant biology*, 25(1), 338.

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.

Liu ZT, et al. (2025) Genetic diversity and structure of *Oncomelania hupensis* snails in an area where *Schistosoma japonicum* transmission has been interrupted for nearly 30 years. *Parasite (Paris, France)*, 32, 38.

Soresinetti L, et al. (2025) The genetic trail of the invasive mosquito species *Aedes koreicus* from the east to the west of Northern Italy. *PLoS neglected tropical diseases*, 19(3), e0012945.

Kim G, et al. (2025) Three distinct genetic lineages of *Trichonephila clavata* based on mitochondrial COI and genome-wide SNPs on the Korean Peninsula. *Scientific reports*, 15(1), 41911.

Ye H, et al. (2025) Integrated chloroplast genomics and whole-genome resequencing reveals demographic history and selection signatures of black walnuts. *The plant genome*, 18(4), e70172.

Nowicki M, et al. (2025) Integrative Analysis of *Diphasiastrum digitatum* Holub: Unveiling Genetic Variation and Ecological Adaptations for Sustainable Ecosystem Management. *Ecology and evolution*, 15(3), e71079.

Masuko R, et al. (2025) Maternal and paternal lineage analysis of Island Southeast Asian goats reveals continental propagation routes and introgression through the Indian ocean. *Scientific reports*, 15(1), 9411.

Dance M, et al. (2025) Molecular Footprints of Quaternary Climate Fluctuations in the Circumpolar Tundra Shrub Dwarf Birch. *Molecular ecology*, 34(19), e70082.

Chen T, et al. (2025) Deciphering the evolutionary imprints of *Camellia oleifera* Abel.: delineating its distinct phylogeographic structure and demographic history through microsatellite and plastid fragment. *BMC plant biology*, 25(1), 526.

Kunishima T, et al. (2025) Genetic population structure of Japanese freshwater crab, *Geothelphusa dehaani* species complex using genome wide SNPs. *Scientific reports*, 15(1), 23781.

Gaytan-Legaria R, et al. (2025) Dissimilar climatic niche is predictive of contrasting historical demographic changes and altitudinal shifts in related oak species (*Quercus*). *American journal of botany*, 112(11), e70122.

Faridi M, et al. (2025) Molecular phylogeny and species delimitation unravel climate-driven diversification and cryptic radiation in Iranian steppe Vipers (*Vipera ursinii-renardi* complex). *Scientific reports*, 15(1), 42148.

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.

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.

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

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.

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.