Resource Summary Report

Generated by NIF on May 4, 2025

ADEGENET

RRID:SCR_000825
Type: Tool

Proper Citation

ADEGENET (RRID:SCR_000825)

Resource Information

URL: https://cran.r-project.org/web/packages/adegenet/index.html

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Description: Software package dedicated to the handling of molecular marker data for multivariate analysis. This package is related to ADE4, a R package for multivariate analysis, graphics, phylogeny and spatial analysis. (entry from Genetic Analysis Software)

Abbreviations: ADEGENET

Synonyms: R/ADEGENET

Resource Type: software resource, software application

Defining Citation: PMID:21926124, PMID:18397895, DOI:10.1093/bioinformatics/btn129

Keywords: gene, genetic, genomic, r

Funding:

Resource Name: ADEGENET

Resource ID: SCR_000825

Alternate IDs: nlx_153996, nlx_154580, OMICS_11078, SCR_007239

Alternate URLs: http://adegenet.r-forge.r-project.org/, https://sources.debian.org/src/r-cran-adegenet/

Record Creation Time: 20220129T080203+0000

Record Last Update: 20250503T055403+0000

Ratings and Alerts

No rating or validation information has been found for ADEGENET.

Warning: Warning: PCA results may be sensitive to the sample size, population composition, and the number of columns, in which case the results will not be reliable, robust, nor replicable and should not be used to draw conclusions.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Pickett BD, et al. (2022) Genome assembly of the roundjaw bonefish (Albula glossodonta), a vulnerable circumtropical sportfish. GigaByte (Hong Kong, China), 2022, gigabyte44.

Canales-Aguirre CB, et al. (2018) Contrasting genetic metrics and patterns among naturalized rainbow trout (Oncorhynchus mykiss) in two Patagonian lakes differentially impacted by trout aquaculture. Ecology and evolution, 8(1), 273.

Beugin MP, et al. (2018) A fast likelihood solution to the genetic clustering problem. Methods in ecology and evolution, 9(4), 1006.

Bojarska K, et al. (2018) Mating system and extra-pair paternity in the Fan-tailed Gerygone Gerygone flavolateralis in relation to parasitism by the Shining Bronze-cuckoo Chalcites lucidus. PloS one, 13(3), e0194059.

Canales-Aguirre CB, et al. (2018) Population genetic structure of Patagonian toothfish (Dissostichus eleginoides) in the Southeast Pacific and Southwest Atlantic Ocean. PeerJ, 6, e4173.

Attard CRM, et al. (2018) From conservation genetics to conservation genomics: a genome-wide assessment of blue whales (Balaenoptera musculus) in Australian feeding aggregations. Royal Society open science, 5(1), 170925.

Francisco PM, et al. (2018) Population genetic structure, introgression, and hybridization in the genus Rhizophora along the Brazilian coast. Ecology and evolution, 8(6), 3491.

Gros-Balthazard M, et al. (2017) The Discovery of Wild Date Palms in Oman Reveals a

Complex Domestication History Involving Centers in the Middle East and Africa. Current biology : CB, 27(14), 2211.

Costantini F, et al. (2016) Limited Genetic Connectivity between Gorgonian Morphotypes along a Depth Gradient. PloS one, 11(8), e0160678.

Turchetto C, et al. (2016) High levels of genetic diversity and population structure in an endemic and rare species: implications for conservation. AoB PLANTS, 8.

Brüniche-Olsen A, et al. (2016) Detecting Selection on Temporal and Spatial Scales: A Genomic Time-Series Assessment of Selective Responses to Devil Facial Tumor Disease. PloS one, 11(3), e0147875.

Zardi GI, et al. (2015) Intraspecific genetic lineages of a marine mussel show behavioural divergence and spatial segregation over a tropical/subtropical biogeographic transition. BMC evolutionary biology, 15, 100.

Gormley K, et al. (2015) Connectivity and Dispersal Patterns of Protected Biogenic Reefs: Implications for the Conservation of Modiolus modiolus (L.) in the Irish Sea. PloS one, 10(12), e0143337.

Westengen OT, et al. (2014) Modern maize varieties going local in the semi-arid zone in Tanzania. BMC evolutionary biology, 14, 1.

Morgan EM, et al. (2013) Investigation of genetic structure between deep and shallow populations of the southern Rock Lobster, Jasus edwardsii in Tasmania, Australia. PloS one, 8(10), e77978.

Riccioni G, et al. (2013) Genetic structure of bluefin tuna in the mediterranean sea correlates with environmental variables. PloS one, 8(11), e80105.

Vander Wal E, et al. (2013) Juxtaposition between host population structures: implications for disease transmission in a sympatric cervid community. Evolutionary applications, 6(7), 1001.

Lepais O, et al. (2013) High genetic diversity and distinctiveness of rear-edge climate relicts maintained by ancient tetraploidisation for Alnus glutinosa. PloS one, 8(9), e75029.

Petrou EL, et al. (2013) Secondary contact and changes in coastal habitat availability influence the nonequilibrium population structure of a salmonid (Oncorhynchus keta). Molecular ecology, 22(23), 5848.

Jombart T, et al. (2010) Discriminant analysis of principal components: a new method for the analysis of genetically structured populations. BMC genetics, 11, 94.