

Resource Summary Report

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[ipyrad](#)

RRID:SCR_022016

Type: Tool

Proper Citation

ipyrad (RRID:SCR_022016)

Resource Information

URL: <https://github.com/dereneaton/ipyrad>

Proper Citation: ipyrad (RRID:SCR_022016)

Description: Software interactive toolkit for assembly and analysis of restriction site associated genomic data sets including RAD, ddRAD, GBS, for population genetic and phylogenetic studies. Used for interactive assembly and analysis of RADseq data sets.

Resource Type: software toolkit, software resource

Defining Citation: [DOI:10.1093/bioinformatics/btz966](https://doi.org/10.1093/bioinformatics/btz966)

Keywords: RADseq data sets interactive assembly and analysis, data assembly, data analysis, restriction site associated genomic data, genomic data, restriction site,

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Availability: Free, Available for download, Freely available

Resource Name: ipyrad

Resource ID: SCR_022016

License: GPL-3.0 License

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260803T040821+0000

Ratings and Alerts

No rating or validation information has been found for ipyrad.

No alerts have been found for ipyrad.

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 [RRID](#).

Frade PR, et al. (2025) Hybridization as driving force for cryptic species diversity in the Caribbean coral genus *Madracis*. *Scientific reports*, 15(1), 33359.

Meziere Z, et al. (2025) Connectivity differs by orders of magnitude among co-distributed corals, affecting spatial scales of eco-evolutionary processes. *Science advances*, 11(27), eadt2066.

Burriel-Carranza B, et al. (2025) Integrating Genomics and Biogeography to Unravel the Origin of a Mountain Biota: The Case of a Reptile Endemicity Hotspot in Arabia. *Systematic biology*, 74(2), 230.

Vrtílek M, et al. (2025) Fins as a reliable surrogate tissue for age-related changes of telomeres and DNA methylation in gonads of a short-lived fish. *Biogerontology*, 26(6), 195.

Burriel-Carranza B, et al. (2025) Cryptic speciation in arid mountains: An integrative revision of the *Pristurus rupestris* species complex (Squamata, Sphaerodactylidae) from Arabia based on morphological, genetic and genomic data, with the description of four new species. *PloS one*, 20(2), e0315000.

Talavera A, et al. (2024) Genomic insights into the Montseny brook newt (*Calotriton arnoldi*), a Critically Endangered glacial relict. *iScience*, 27(1), 108665.

Gijsbers JC, et al. (2023) Global phylogenomic assessment of *Leptoseris* and *Agaricia* reveals substantial undescribed diversity at mesophotic depths. *BMC biology*, 21(1), 147.

Butterworth NJ, et al. (2023) The blowfly *Chrysomya latifrons* inhabits fragmented rainforests, but shows no population structure. *Oecologia*, 201(3), 703.

Prata KE, et al. (2022) Deep connections: Divergence histories with gene flow in mesophotic *Agaricia* corals. *Molecular ecology*, 31(9), 2511.

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

Uckele KA, et al. (2021) Phytochemistry reflects different evolutionary history in traditional classes versus specialized structural motifs. *Scientific reports*, 11(1), 17247.

Tamar K, et al. (2021) The demise of a wonder: Evolutionary history and conservation assessments of the Wonder Gecko *Teratoscincus keyserlingii* (Gekkota, Sphaerodactylidae) in Arabia. *PloS one*, 16(1), e0244150.

Bongaerts P, et al. (2021) Morphological stasis masks ecologically divergent coral species on tropical reefs. *Current biology : CB*, 31(11), 2286.

Santibáñez-López CE, et al. (2021) Diversification and post-glacial range expansion of giant North American camel spiders in genus *Eremocosta* (Solifugae: Eremobatidae). *Scientific reports*, 11(1), 22093.

Gauthier J, et al. (2020) DiscoSnp-RAD: de novo detection of small variants for RAD-Seq population genomics. *PeerJ*, 8, e9291.

Song YG, et al. (2020) Phylogeny, Taxonomy, and Biogeography of *Pterocarya* (Juglandaceae). *Plants (Basel, Switzerland)*, 9(11).

Muñoz-Ramírez CP, et al. (2020) Gene flow in the Antarctic bivalve *Aequiyoldia eightsii* (Jay, 1839) suggests a role for the Antarctic Peninsula Coastal Current in larval dispersal. *Royal Society open science*, 7(9), 200603.

Bocek M, et al. (2019) Persistence of multiple patterns and intraspecific polymorphism in multi-species Müllerian communities of net-winged beetles. *Frontiers in zoology*, 16, 38.

Grewe F, et al. (2018) Population genomic analyses of RAD sequences resolves the phylogenetic relationship of the lichen-forming fungal species *Usnea antarctica* and *Usnea aurantiacoatra*. *MycKeys*(43), 91.

Valencia LM, et al. (2018) A RAD-sequencing approach to genome-wide marker discovery, genotyping, and phylogenetic inference in a diverse radiation of primates. *PloS one*, 13(8), e0201254.