


MOLECULAR ECOLOGY

Special Issue: Genotyping by Sequencing

The effect of RAD allele dropout on the estimation of genetic variation within and between populations

Mathieu Gautier , Karim Gharbi, Timothee Cezard, Julien Foucaud, Carole Kerdelhué, Pierre Pudlo, Jean-Marie Cornuet, Arnaud Estoup

First published: 30 October 2012 | <https://doi.org/10.1111/mec.12089> | Citations: 225

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News and Views |  Open Access

Demystifying the RAD fad

Jonathan B. Puritz , Mikhail V. Matz, Robert J. Toonen, Jesse N. Weber, Daniel I. Bolnick, Christopher E. Bird

First published: 15 October 2014 | <https://doi.org/10.1111/mec.12965> | Citations: 170



Methods in Ecology and Evolution

Research Article |  Free Access

Bioinformatic processing of RAD-seq data dramatically impacts downstream population genetic inference

Aaron B. A. Shafer, Claire R. Peart, Sergio Tusso, Inbar Maayan, Alan Brelsford, Christopher W. Wheat, Jochen B. W. Wolf 

First published: 02 November 2016 | <https://doi.org/10.1111/2041-210X.12700> | Citations: 217

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Summary

1. Restriction site-associated DNA sequencing (RAD-seq) provides high-resolution population genomic data at low cost, and has become an important component in ecological and evolutionary studies. As with all high-throughput technologies, analytic strategies require critical validation to ensure precise and unbiased interpretation.

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RESOURCE ARTICLE

Genotyping-by-sequencing for estimating relatedness in nonmodel organisms: Avoiding the trap of precise bias

Catherine R. M. Attard  Luciano B. Beheregaray, Luciana M. Möller

First published: 21 November 2017 | <https://doi.org/10.1111/1755-0998.12739> | Citations: 34

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Detection and Removal of PCR Duplicates in Population Genomic ddRAD Studies by Addition of a Degenerate Base Region (DBR) in Sequencing Adapters

Hannah Schweyen, Andrey Rozenberg, and Florian Leese

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Ecology and Evolution



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Estimating effective population size using RADseq: Effects of SNP selection and sample size

Florianne Marandel, Grégory Charrier, Jean-Baptiste Lamy, Sabrina Le Cam, Pascal Lorange, Verena M. Trenkel 

First published: 11 February 2020 | <https://doi.org/10.1002/ece3.6016> | Citations: 46

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