

Resource Summary Report

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PartitionFinder

RRID:SCR_024157

Type: Tool

Proper Citation

PartitionFinder (RRID:SCR_024157)

Resource Information

URL: <https://github.com/brettc/partitionfinder>

Proper Citation: PartitionFinder (RRID:SCR_024157)

Description: Software Python program to discover optimal partitioning schemes for DNA sequences.Used for simultaneously choosing partitioning schemes and models of molecular evolution for phylogenetic analyses of DNA, protein, and morphological data.

Synonyms: partitionfinder, PartitionFinder 2

Resource Type: data processing software, software application, data analysis software, software resource

Keywords: discover optimal partitioning schemes, DNA sequences, simultaneously choosing partitioning schemes and models, phylogenetic analyses of DNA, phylogenetic analyses of protein, phylogenetic analyses of morphological data,

Availability: Free, Available for download, Freely available,

Resource Name: PartitionFinder

Resource ID: SCR_024157

Old URLs: <https://sources.debian.org/src/partitionfinder/>

License: GNU General Public License

Record Creation Time: 20230824T050212+0000

Record Last Update: 20260731T043144+0000

Ratings and Alerts

No rating or validation information has been found for PartitionFinder.

No alerts have been found for PartitionFinder.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 704 mentions in open access literature.

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

Keogh SM, et al. (2025) Secondary contact erodes Pleistocene diversification in a wide-ranging freshwater mussel (*Quadrula*). *Molecular ecology*, 34(1), e17572.

Wang MY, et al. (2025) Chromosome-level genome assembly, annotation, and population genomic resource of argali (*Ovis ammon*). *Scientific data*, 12(1), 57.

Wang X, et al. (2025) Phylogenetic Relationships of Three *Ramaria* Species Based on Mitochondrial Genome Analysis. *Ecology and evolution*, 15(2), e70901.

Gauthier J, et al. (2025) Chromosome-Scale Genomes of the Flightless Caterpillar Hunter Beetles *Calosoma tepidum* and *Calosoma wilkesii* From British Columbia (Coleoptera: Carabidae). *Genome biology and evolution*, 17(1).

Tu Y, et al. (2025) Non-adaptive Radiation Promotes Phenotypic Diversification and Convergent Evolution of Aposematic Mimicry in a Highly Diverse Genus of Megaloptera. *Systematic biology*, 74(4), 545.

Márquez-Sanz R, et al. (2025) The Establishment of a Terrestrial Macroalga Canopy Impacts Microbial Soil Communities in Antarctica. *Microbial ecology*, 88(1), 4.

Zheng T, et al. (2025) Taxonomic Revision of *Solorina* (Peltigeraceae, Ascomycota), Reveals a New Genus and Three New Species. *Journal of fungi* (Basel, Switzerland), 11(3).

Arias E, et al. (2025) Deep cryptic diversity in the *Craugastor podiciferus* Species Group (Anura: Craugastoridae) of Isthmian Central America revealed by mitochondrial and nuclear data. *PeerJ*, 13, e18212.

Ansil BR, et al. (2025) Host-Pathogen-Vector Continuum in a Changing Landscape: Potential Transmission Pathways for *Bartonella* in a Small Mammal Community. *Ecology and evolution*, 15(4), e71085.

Bignotto TS, et al. (2025) Integrative morphometric and molecular analyses reveal possible genetic contamination of silver catfish populations of the genus *Rhamdia* in Neotropical River basins. *Journal of fish biology*, 107(2), 535.

- Šmíd J, et al. (2025) Phylogeny and systematics of Arabian lacertids from the *Mesalina guttulata* species complex (Squamata, Lacertidae), with the description of a new species. *BMC zoology*, 10(1), 11.
- Ghulam K, et al. (2025) Characterization of the complete chloroplast genome of *Ajania fastigiata* (Asteraceae). *Mitochondrial DNA. Part B, Resources*, 10(7), 563.
- Santamaria CA, et al. (2025) Description of a novel *Ligia* species from Nihoa, a remote island in the Papahānaumokuākea Marine National Monument. *PeerJ*, 13, e19373.
- Zhao Q, et al. (2025) The first two complete mitochondrial genomes of *Butyriboletus roseoflavus* (Hai B. Li & Hai L. Wei) D. Arora & J.L. Frank 2014 (Boletales: Boletaceae) and phylogenetic analysis. *Mitochondrial DNA. Part B, Resources*, 10(7), 646.
- Farjallah S, et al. (2025) First Molecular Evidence and Phylogeny of *Hepatozoon* sp. and *Theileria* sp. in Saudi Rodents. *Veterinary sciences*, 12(7).
- Wang X, et al. (2025) Comparative analysis of mitochondrial genomes in lycoperdaceae fungi reveals intron dynamics and phylogenetic relationships. *BMC genomics*, 26(1), 742.
- Ye F, et al. (2025) Evolutionary insights from the mitochondrial genomes of invasive scale insects (Hemiptera: Coccoomorpha): large-scale transfer RNA gene truncations and tandem repeat-driven intraspecific gene rearrangements. *BMC genomics*, 26(1), 1003.
- Deshmukh R, et al. (2025) Reproductive Barriers and Genomic Hotspots of Adaptation During Allopatric Species Divergence. *Molecular ecology*, 34(21), e17703.
- Gasulla F, et al. (2025) Algae and the city: the genetic and ecophysiological diversity of photobionts in two areas of Madrid (Spain) with contrasting levels of nitrogen pollution. *Environmental science and pollution research international*, 32(30), 17978.
- Dwivedi A, et al. (2025) Ancient mitogenomes from Neolithic, megalithic and medieval burials suggest complex genetic history of Kashmir valley, India. *Scientific reports*, 15(1), 35247.