

# 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:** software application, software resource, data analysis software, data processing software

**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:** 20260729T044601+0000

### Ratings and Alerts

No rating or validation information has been found for PartitionFinder.

No alerts have been found for PartitionFinder.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 704 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

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.