Resource Summary Report

Generated by NIF on May 19, 2025

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,

Funding:

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: 20250517T060551+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 686 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.

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).

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.

Tang L, et al. (2024) Comparative and phylogenetic analyses of Loranthaceae plastomes provide insights into the evolutionary trajectories of plastome degradation in hemiparasitic plants. BMC plant biology, 24(1), 406.

Weber MD, et al. (2024) Deep-pelagic fishes: Demographic instability in a stable environment. Ecology and evolution, 14(4), e11267.

Karin BR, et al. (2024) The natural and human-mediated expansion of a human-commensal lizard into the fringes of Southeast Asia. BMC ecology and evolution, 24(1), 25.

Zheng C, et al. (2024) Mitogenomes Provide Insights into the Species Boundaries and Phylogenetic Relationships among Three Dolycoris Sloe Bugs (Hemiptera: Pentatomidae)

from China. Insects, 15(2).

Benito JB, et al. (2024) Comparative mitogenomic analysis of subterranean and surface amphipods (Crustacea, Amphipoda) with special reference to the family Crangonyctidae. BMC genomics, 25(1), 298.

Frandsen PB, et al. (2024) Phylogenomics recovers multiple origins of portable case making in caddisflies (Insecta: Trichoptera), nature's underwater architects. Proceedings. Biological sciences, 291(2026), 20240514.

Tian L, et al. (2024) Range-Wide Phylogeography and Ecological Niche Modeling Provide Insights into the Evolutionary History of the Mongolian Racerunner (Eremias argus) in Northeast Asia. Animals : an open access journal from MDPI, 14(7).

Wei X, et al. (2024) Wolbachia infection status and molecular diversity in the species of tribe Tagiadini Mabille, 1878 (Lepidoptera: Hesperiidae) collected in China. Ecology and evolution, 14(4), e11279.

Chen Y, et al. (2024) Insight into the Phylogenetic Relationships of Phasmatodea and Selection Pressure Analysis of Phraortes liaoningensis Chen & He, 1991 (Phasmatodea: Lonchodidae) Using Mitogenomes. Insects, 15(11).

Khanal L, et al. (2024) Phylogeography of the Sinica Group of Macaques in the Himalayas: Taxonomic and Evolutionary Implications. Biology, 13(10).

Liu Z, et al. (2024) Mitochondrial Phylogenomics of Scoliidae from China, with Evidence to Challenge the Former Placement of the Colpa Group. Insects, 15(10).

Noroozi M, et al. (2024) Phylogenomics and plastome evolution of Lithospermeae (Boraginaceae). BMC plant biology, 24(1), 957.

Jia L, et al. (2024) Plastid phylogenomics and fossil evidence provide new insights into the evolutionary complexity of the 'woody clade' in Saxifragales. BMC plant biology, 24(1), 277.

Li S, et al. (2024) Description of a new Asian Leaf Litter Toad of the genus Leptobrachella Smith, 1925 (Anura, Megophryidae) from southern Guizhou Province, China. Biodiversity data journal, 12, e113427.

Zhang T, et al. (2024) A chromosome-level genome reveals genome evolution and molecular basis of anthraquinone biosynthesis in Rheum palmatum. BMC plant biology, 24(1), 261.

Knorrn AH, et al. (2024) Gaidropsarus mauritanicus (Gadiformes, Gaidropsaridae) a new three-bearded rockling from a deep-water coral ecosystem with a genetically verified biogeographical distribution of the genus and notes to its ecology and behavior. Journal of fish biology, 105(6), 1643.