Resource Summary Report

Generated by NIF on May 20, 2025

Structure Harvester

RRID:SCR_017636
Type: Tool

Proper Citation

Structure Harvester (RRID:SCR_017636)

Resource Information

URL: http://taylor0.biology.ucla.edu/structureHarvester/

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Description: Web based program for collating results generated by program STRUCTURE. Provides assess and visualize likelihood values across multiple values of K and hundreds of iterations for easier detection of number of genetic groups that best fit data. Reformats data for use in downstream programs, such as CLUMPP.It is complement for using software Structure in genetics population. Website and program for visualizing STRUCTURE output and implementing Evanno method.

Synonyms: StructureHarvester

Resource Type: data access protocol, service resource, production service resource, analysis service resource, web service, software resource

Defining Citation: DOI:10.1007/s12686-011-9548-7

Keywords: Visualizing, STRUCTURE, Evanno, method, collating, result, detection, genetic, group, fit, data, reformat

Funding: NCI U24 CA143858;
NCI R21 CA135937

Availability: Free, Freely available

Resource Name: Structure Harvester

Resource ID: SCR_017636

Record Creation Time: 20220129T080336+0000

Record Last Update: 20250519T204007+0000

Ratings and Alerts

No rating or validation information has been found for Structure Harvester.

No alerts have been found for Structure Harvester.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 285 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Kniesz K, et al. (2025) High genomic connectivity within Anatoma at hydrothermal vents along the Central and Southeast Indian Ridge. Scientific reports, 15(1), 1971.

Yang H, et al. (2025) Population Genetics of Haliotis discus hannai in China Inferred Through EST-SSR Markers. Genes, 16(1).

Arévalo-Marín E, et al. (2024) Genetic analyses and dispersal patterns unveil the Amazonian origin of guava domestication. Scientific reports, 14(1), 15755.

Bernád V, et al. (2024) Unlocking the genetic diversity and population structure of the newly introduced two-row spring European HerItage Barley collecTion (ExHIBiT). Frontiers in plant science, 15, 1268847.

de Sales RP, et al. (2024) Addressing Conservation Needs: Genetic Diversity and Population Ecology of the Endemic Tree Spondias tuberosa Arruda. Scientifica, 2024, 5023974.

Zheng JX, et al. (2024) Species Composition of a Small Mammal Community and Prevalence of Echinococcus spp. in the Alpine Pastoral Area of the Eastern Tibetan Plateau. Pathogens (Basel, Switzerland), 13(7).

Faria JCT, et al. (2024) Genetic resources of African mahogany in Brazil: genomic diversity and structure of forest plantations. BMC plant biology, 24(1), 858.

Sallam A, et al. (2024) Genome-wide analysis for root and leaf architecture traits associated with drought tolerance at the seedling stage in a highly ecologically diverse wheat population. Computational and structural biotechnology journal, 23, 870.

Wang X, et al. (2024) Phenotypic diversity and population structure of Pecan (Carya illinoinensis) collections reveals geographic patterns. Scientific reports, 14(1), 18592.

Meulenbroek P, et al. (2024) Small-scale metapopulation structure of a limnophilic fish species in a natural river system investigated using microsatellite genotyping by amplicon sequencing (SSR-GBAS). BMC ecology and evolution, 24(1), 1.

Abuelmaali SA, et al. (2024) Population genetic structure of Aedes aegypti subspecies in selected geographical locations in Sudan. Scientific reports, 14(1), 2978.

Habib Z, et al. (2024) Empirical phenotyping and genome-wide association study reveal the association of panicle architecture with yield in Chenopodium quinoa. Frontiers in microbiology, 15, 1349239.

Verma VK, et al. (2024) Ecology, genetic diversity, and population structure among commercial varieties and local landraces of Capsicum spp. grown in northeastern states of India. Frontiers in plant science, 15, 1379637.

López-Cuamatzi IL, et al. (2024) Molecular and morphological data suggest a new species of big-eared bat (Vespertilionidae: Corynorhinus) endemic to northeastern Mexico. PloS one, 19(2), e0296275.

Tian M, et al. (2024) Genetic diversity analysis and core germplasm bank construction in cold resistant germplasm of rubber trees (Hevea brasiliensis). Scientific reports, 14(1), 14533.

Ding Y, et al. (2024) Comparative chloroplast-specific SNP and nSCoT markers analysis and population structure study in kiwifruit plants. Hereditas, 161(1), 18.

Yao F, et al. (2024) Identification of 39 stripe rust resistance loci in a panel of 465 winter wheat entries presumed to have high-temperature adult-plant resistance through genome-wide association mapping and marker-assisted detection. Frontiers in plant science, 15, 1514926.

Yuhara T, et al. (2024) Contrasting population genetic structure of three semi-terrestrial brachyuran crabs on the coast of the Japanese archipelago. Ecology and evolution, 14(6), e11484.

Huang X, et al. (2024) Exploring the forensic effectiveness and population genetic differentiation in Guizhou Miao and Bouyei group by the self-constructed panel of X chromosomal multi-insertion/deletions. BMC genomics, 25(1), 1185.

Lizano AMD, et al. (2024) Pseudocryptic diversity and species boundaries in the sea cucumber Stichopus cf. horrens (Echinodermata: Stichopodidae) revealed by mitochondrial and microsatellite markers. Scientific reports, 14(1), 4886.