

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

GRASS

RRID:SCR_005071

Type: Tool

Proper Citation

GRASS (RRID:SCR_005071)

Resource Information

URL: <https://github.com/AlexeyG/GRASS>

Proper Citation: GRASS (RRID:SCR_005071)

Description: A generic algorithm for scaffolding next-generation sequencing assemblies.

Abbreviations: GRASS

Synonyms: GRASS: a generic algorithm for scaffolding next-generation sequencing assemblies, GeneRic ASsembly Scaffold

Resource Type: software resource

Defining Citation: [PMID:22492642](#)

Keywords: next-generation sequencing, scaffolding, bio.tools

Availability: GNU General Public License, v3

Resource Name: GRASS

Resource ID: SCR_005071

Alternate IDs: biotools:GRASS, OMICS_00043

Alternate URLs: <https://bio.tools/GRASS>

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260912T195620+0000

Ratings and Alerts

No rating or validation information has been found for GRASS.

No alerts have been found for GRASS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 89 mentions in open access literature.

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

Rakouth HN, et al. (2025) ?A digital multi-access key for easy identification of large tree species of ebony wood in Madagascar. *PhytoKeys*, 253, 103.

Kamizela AE, et al. (2025) Timing and trajectory of BCR::ABL1-driven chronic myeloid leukaemia. *Nature*, 640(8060), 982.

Steiner M, et al. (2025) Moving beyond the physical impervious surface impact and urban habitat fragmentation of Alaska: quantitative human footprint inference from the first large scale 30 m high-resolution Landscape metrics big data quantification in R and the cloud. *PeerJ*, 13, e18894.

Pan Y, et al. (2025) A methodological framework for identifying traditional rural landscapes based on environmental, cultural, and socio-economic indicators - the case study of China. *Scientific reports*, 15(1), 18650.

Lemenkova P, et al. (2025) Machine Learning Algorithms of Remote Sensing Data Processing for Mapping Changes in Land Cover Types over Central Apennines, Italy. *Journal of imaging*, 11(5).

Virgillito C, et al. (2025) Lessons learned exploiting a multi-year large-scale data set derived from operational quality assessment of mosquito larval treatments in rain catch basins. *Pest management science*, 81(10), 6630.

Brandolini F, et al. (2025) Reconstructing Italy's rural landscape before the Great Acceleration: A geospatial baseline from the Catasto Agrario (1929). *Open research Europe*, 5, 169.

Gui Y, et al. (2025) Heterogeneous graph contrastive learning for integration and alignment of spatial transcriptomics data. *Briefings in bioinformatics*, 26(5).

Domenico D, et al. (2025) Enabling whole genome sequencing analysis from FFPE specimens in clinical oncology. *Nature communications*, 16(1), 10649.

Roy S, et al. (2025) A lossless reference-free sequence compression algorithm leveraging grammatical, statistical, and substitution rules. *Briefings in functional genomics*, 24.

Kang D, et al. (2025) Study on landslide hazard risk in Wenzhou based on slope units and machine learning approaches. *Scientific reports*, 15(1), 7511.

Brandão M, et al. (2025) Lactic Acid Bacteria and Yeast Fermentation to Improve the Nutritional Value of *Ulva rigida*. *Marine drugs*, 23(3).

Kniha E, et al. (2025) Combining phylogeography and climate models to track the diversification and spread of *Phlebotomus simici*. *Scientific reports*, 15(1), 10188.

Ramachandra TV, et al. (2025) Urban heat island linkages with the landscape morphology. *Scientific reports*, 15(1), 24485.

D'Alessio A, et al. (2025) 2030 conservation targets for European terrestrial mammals using the favourable conservation status concept. *Scientific data*, 12(1), 591.

Egorov AI, et al. (2025) Greater residential greenness is associated with reduced epigenetic aging in adults. *Scientific reports*, 15(1), 3558.

Ferreira LMR, et al. (2025) Community perception differences regarding ecosystem goods and services in reservoir landscapes with and without inter-basin water transfer: Implications for the Sustainable Development Goals. *PloS one*, 20(5), e0323670.

Trájer AJ, et al. (2024) Ecological setting of phlebotomine sand flies in the Republic of Kosovo. *Heliyon*, 10(12), e33029.

Marquardt T, et al. (2024) Distribution of euptyctimous mite *Phthiracarus longulus* (Acari: Oribatida) under future climate change in the Palearctic. *Scientific reports*, 14(1), 21913.

Gernon TM, et al. (2024) Coevolution of craton margins and interiors during continental break-up. *Nature*, 632(8024), 327.