Resource Summary Report

Generated by <u>NIF</u> on Apr 21, 2025

SHARCGS

RRID:SCR_002026 Type: Tool

Proper Citation

SHARCGS (RRID:SCR_002026)

Resource Information

URL: http://sharcgs.molgen.mpg.de/

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Description: Software package for a DNA assembly program designed for de novo assembly of 25-40mer input fragments and deep sequence coverage.

Synonyms: SHort read Assembler based on Robust Contig extension for Genome Sequencing (SHARCGS), SHARCGS - SHort read Assembler based on Robust Contig extension for Genome Sequencing, SHort read Assembler based on Robust Contig extension for Genome Sequencing

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

Defining Citation: PMID:17908823

Keywords: dna, assembly, de novo, rna, sequencing, bio.tools

Funding:

Availability: Open source, Available for download

Resource Name: SHARCGS

Resource ID: SCR_002026

Alternate IDs: OMICS_00029, biotools:sharcgs

Alternate URLs: https://bio.tools/sharcgs

License: GNU GENERAL PUBLIC LICENSE

License URLs: http://sharcgs.molgen.mpg.de/docs/license.txt

Record Creation Time: 20220129T080211+0000

Record Last Update: 20250421T053307+0000

Ratings and Alerts

No rating or validation information has been found for SHARCGS.

No alerts have been found for SHARCGS.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Yao W, et al. (2020) Features of sRNA biogenesis in rice revealed by genetic dissection of sRNA expression level. Computational and structural biotechnology journal, 18, 3207.

Kong J, et al. (2019) GAAP: A Genome Assembly + Annotation Pipeline. BioMed research international, 2019, 4767354.

El-Metwally S, et al. (2013) Next-generation sequence assembly: four stages of data processing and computational challenges. PLoS computational biology, 9(12), e1003345.

Gui J, et al. (2011) Recent advances in molecular technologies and their application in pathogen detection in foods with particular reference to yersinia. Journal of pathogens, 2011, 310135.