

Resource Summary Report

Generated by SPARC SAWG on Aug 6, 2026

docker4seq

RRID:SCR_017006

Type: Tool

Proper Citation

docker4seq (RRID:SCR_017006)

Resource Information

URL: <https://github.com/kendomaniac/docker4seq>

Proper Citation: docker4seq (RRID:SCR_017006)

Description: Software R package to execute next generation sequencing computing applications, e.g. reads mapping and counting, wrapped in docker containers.

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

Keywords: next, generation, sequencing, computing, application, read, mapping, count, docker, container, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: docker4seq

Resource ID: SCR_017006

Alternate IDs: biotools:docker4seq

Alternate URLs: <https://kendomaniac.github.io/docker4seq/index.html>,
<https://bio.tools/docker4seq>

License: GNU GPL 3

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260807T042859+0000

Ratings and Alerts

No rating or validation information has been found for docker4seq.

No alerts have been found for docker4seq.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ghilardi S, et al. (2026) Identification of altered salivary microRNAs in Cavalier King Charles Spaniels affected by mitral valve disease at different ACVIM stages. Scientific reports, 16(1).

Bocchini M, et al. (2023) Circulating hsa-miR-5096 predicts 18F-FDG PET/CT positivity and modulates somatostatin receptor 2 expression: a novel miR-based assay for pancreatic neuroendocrine tumors. Frontiers in oncology, 13, 1136331.

Nisar S, et al. (2021) Insights Into the Role of CircRNAs: Biogenesis, Characterization, Functional, and Clinical Impact in Human Malignancies. Frontiers in cell and developmental biology, 9, 617281.

Bardi E, et al. (2021) Circulating miRNome of Trachemys scripta after elective gonadectomy under general anesthesia. Scientific reports, 11(1), 14712.

Ferrero G, et al. (2019) Docker4Circ: A Framework for the Reproducible Characterization of circRNAs from RNA-Seq Data. International journal of molecular sciences, 21(1).

Kulkarni N, et al. (2018) Reproducible bioinformatics project: a community for reproducible bioinformatics analysis pipelines. BMC bioinformatics, 19(Suppl 10), 349.