

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

[docker4seq](#)

RRID:SCR_017006

Type: Tool

Proper Citation

docker4seq (RRID:SCR_017006)

Resource Information

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

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

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

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: 20260803T040737+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 5 mentions in open access literature.

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

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.