

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

CWL-Airflow

RRID:SCR_017196

Type: Tool

Proper Citation

CWL-Airflow (RRID:SCR_017196)

Resource Information

URL: <https://github.com/Barski-lab/cwl-airflow>

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Description: Software Python package to extend Airflow functionality with Common Workflow Language support. Lightweight pipeline manager supporting Common Workflow Language. Can be used to run workflows on standalone MacOS/Linux servers, on clusters, or on cloud platforms.

Abbreviations: CWL DAG

Synonyms: CWL-Airflow v 1.0.16, Common Workflow Language-Airflow

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

Defining Citation: [DOI:10.1101/249243](https://doi.org/10.1101/249243), [DOI:10.1093/gigascience/giz084](https://doi.org/10.1093/gigascience/giz084)

Keywords: airflow, common workflow language, cwl, pipeline, workflow, docker

Funding: NCATS UL1 TR001425;
NIGMS DP2 GM119134

Availability: Free, Available for download, Freely available

Resource Name: CWL-Airflow

Resource ID: SCR_017196

Alternate IDs: OMICS_26560

License: Apache Licence

Record Creation Time: 20220129T080334+0000

Ratings and Alerts

No rating or validation information has been found for CWL-Airflow.

No alerts have been found for CWL-Airflow.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Jin Z, et al. (2026) Novel Covalent FAP-Targeted [68Ga]Ga-DOTA-mFS-KERERG-FAP-2286 for Improved Pharmacokinetics and Enhanced Tumor Uptake. Molecular pharmaceutics, 23(6), 3468.

Raghavan V, et al. (2022) A simple guide to de novo transcriptome assembly and annotation. Briefings in bioinformatics, 23(2).

Kotliar M, et al. (2019) CWL-Airflow: a lightweight pipeline manager supporting Common Workflow Language. GigaScience, 8(7).