

Resource Summary Report

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BioDepot-workflow-builder

RRID:SCR_017402

Type: Tool

Proper Citation

BioDepot-workflow-builder (RRID:SCR_017402)

Resource Information

URL: <https://github.com/BioDepot/BioDepot-workflow-builder>

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Description: Software tool to create and execute reproducible bioinformatics workflows using drag and drop interface. Graphical widgets represent Docker containers executing modular task. Widgets are linked graphically to build bioinformatics workflows that can be reproducibly deployed across different local and cloud platforms. Each widget contains form-based user interface to facilitate parameter entry and console to display intermediate results.

Abbreviations: Bwb

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

Defining Citation: [DOI:10.1016/j.cels.2019.08.007](https://doi.org/10.1016/j.cels.2019.08.007)

Keywords: bioinformatics, big, data, workflow, reproducible, Docker

Funding: NIGMS R01 GM126019;
NHLBI U54 HL127624;
NHGRI U24HG012674;
NIAID R03AI159286

Availability: Free, Available for download, Freely available

Resource Name: BioDepot-workflow-builder

Resource ID: SCR_017402

License: MIT License

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Ratings and Alerts

No rating or validation information has been found for BioDepot-workflow-builder.

No alerts have been found for BioDepot-workflow-builder.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Hung LH, et al. (2019) Building Containerized Workflows Using the BioDepot-Workflow-Builder. Cell systems, 9(5), 508.