

Resource Summary Report

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Nextflow

RRID:SCR_024135

Type: Tool

Proper Citation

Nextflow (RRID:SCR_024135)

Resource Information

URL: <https://github.com/nextflow-io/nextflow>

Proper Citation: Nextflow (RRID:SCR_024135)

Description: Software workflow manager that enables development of portable and reproducible workflows. Supports deploying workflows on variety of execution platforms including local, HPC schedulers, AWS Batch, Google Cloud Life Sciences, and Kubernetes. Provides support to manage workflow dependencies through built-in support for Conda, Spack, Docker, Podman, Singularity, Modules, and more.

Synonyms: nextflow

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

Defining Citation: [PMID:28398311](#)

Keywords: development of portable and reproducible workflows, deploying workflows, manage workflow dependencies,

Availability: Free, Available for download, Freely available,

Resource Name: Nextflow

Resource ID: SCR_024135

Old URLs: <https://sources.debian.org/src/nextflow/>, <https://nextflow.io/>

License: Apache-2.0 license

Record Creation Time: 20230824T050212+0000

Record Last Update: 20260731T043144+0000

Ratings and Alerts

No rating or validation information has been found for Nextflow.

No alerts have been found for Nextflow.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 132 mentions in open access literature.

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

Falk S, et al. (2025) The genome sequence of the Coppice Mining Bee, *Andrena helvola* (Linnaeus, 1758). Wellcome open research, 10, 102.

Fletcher C, et al. (2025) The genome sequence of the European smelt, *Osmerus eperlanus* (Linnaeus, 1758). Wellcome open research, 10, 118.

Hutchinson F, et al. (2025) The genome sequence of the Maple Pug moth, *Eupithecia inturbata* (Hübner, 1817). Wellcome open research, 10, 141.

Mitchell R, et al. (2025) The genome sequence of a soldier beetle, *Malthinus seriepunctatus* Kiesenwetter, 1851. Wellcome open research, 10, 80.

Willink B, et al. (2025) The genome sequence of the Tropical Bluetail Damselfly, *Ischnura senegalensis* (Rambur, 1842). Wellcome open research, 10, 104.

Crowley LM, et al. (2025) The genome sequence of a snail-killing fly, *Dichetophora oblitterata* (Fabricius, 1805). Wellcome open research, 10, 176.

Sivell O, et al. (2025) The genome sequence of the Small Red Damselfly, *Ceragrion tenellum* (de Villers, 1789). Wellcome open research, 10, 79.

Sivell D, et al. (2025) The genome sequence of the click beetle, *Ampedus sanguinolentus sanguinolentus* (Schrank, 1776). Wellcome open research, 10, 96.

Geiser MF, et al. (2025) The genome sequence of a flea beetle, *Neocrepidodera transversa* (Marshall, 1802). Wellcome open research, 10, 62.

Sivell D, et al. (2025) The genome sequence of a carabid beetle, *Carabus problematicus* Herbst, 1786. Wellcome open research, 10, 59.

Wangwiwatsin A, et al. (2025) The genome sequence of the liver fluke *Opisthorchis viverrini* (Poirier, 1886) Stiles & Hassall, 1896. Wellcome open research, 10, 1.

Boyes D, et al. (2025) The genome sequence of the Warty Knot-Horn moth, *Acrobasis repandana* Fabricius, 1798. Wellcome open research, 10, 50.

Barclay MVL, et al. (2025) The genome sequence of a seed weevil, *Aspidapion aeneum* (Fabricius, 1775). Wellcome open research, 10, 41.

Bista I, et al. (2025) The genome sequence of the Antarctic lanternfish, *Electrona antarctica* (Günther, 1878). Wellcome open research, 10, 89.

Fletcher C, et al. (2025) The genome sequence of the Dotted Footman moth, *Pelosia muscerda* (Hufnagel, 1767). Wellcome open research, 10, 106.

Boyes D, et al. (2025) The genome sequence of the European Corn Borer, *Ostrinia nubilalis* Hübner, 1796. Wellcome open research, 10, 12.

Crowley LM, et al. (2025) The genome sequence of the Twenty-plume Moth, *Alucita hexadactyla* Linnaeus, 1758. Wellcome open research, 10, 70.

Sivell O, et al. (2025) The genome sequence of the Marsh Click-beetle, *Actenicerus siaelandicus* (Müller, O.F., 1764). Wellcome open research, 10, 81.

Fowler K, et al. (2025) The genome sequence of a leafhopper, *Allygus modestus* Scott, 1876. Wellcome open research, 10, 9.

Ashworth M, et al. (2025) The genome sequence of *Dolichopus griseipennis* Stannius, 1831. Wellcome open research, 10, 29.