

# Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

## Arvados

RRID:SCR\_002223

Type: Tool

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### Proper Citation

Arvados (RRID:SCR\_002223)

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### Resource Information

**URL:** <https://arvados.org/>

**Proper Citation:** Arvados (RRID:SCR\_002223)

**Description:** Bioinformatics platform for storing, organizing, processing, and sharing genomic and other biomedical big data. Designed to make it easier for bioinformaticians to develop analyses, developers to create genomic web applications and IT administrators to manage large-scale compute and storage genomic resources. Designed to run on top of cloud operating systems such as Amazon Web Services and OpenStack. Currently, there are implementations that work on AWS and Xen+Debian/Ubuntu. Functionally, Arvados has two major sets of capabilities: (a) data management and (b) compute management.

**Abbreviations:** arvados

**Resource Type:** service resource, data repository, storage service resource

**Keywords:** mapreduce/hadoop, genomic, biomedical, data sharing, compute, data management, cloud

**Availability:** Free, Freely available

**Resource Name:** Arvados

**Resource ID:** SCR\_002223

**Alternate IDs:** OMICS\_01835

**Alternate URLs:** <https://sources.debian.org/src/arvados/>

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**Record Creation Time:** 20220129T080212+0000

**Record Last Update:** 20260801T190144+0000

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## Ratings and Alerts

No rating or validation information has been found for Arvados.

No alerts have been found for Arvados.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Bray S, et al. (2023) The Planemo toolkit for developing, deploying, and executing scientific data analyses in Galaxy and beyond. *Genome research*, 33(2), 261.

Brown AV, et al. (2018) Ten quick tips for sharing open genomic data. *PLoS computational biology*, 14(12), e1006472.

Chojnacki S, et al. (2017) Programmatic access to bioinformatics tools from EMBL-EBI update: 2017. *Nucleic acids research*, 45(W1), W550.