

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

Laniakea

RRID:SCR_018146

Type: Tool

Proper Citation

Laniakea (RRID:SCR_018146)

Resource Information

URL: <https://laniakea-elixir-it.github.io/>

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Description: Software tool for automatic deployment of virtual Galaxy environments for life science. Can be deployed over common cloud architectures supported both by public and private e-infrastructures. User interacts with Laniakea based service through simple front end that allows general setup of Galaxy instance, then Laniakea takes care of automatic deployment of virtual hardware and software components. User gains access with full administrative privileges to private, production grade, fully customized, Galaxy virtual instance, and to underlying virtual machine.

Synonyms: Galaxy cloud on demand workflow workbench

Resource Type: software resource

Keywords: Automatic deployment, virtual Galaxy, life science environment, virtual machine, cloud architecture, Elixir Italy, bio.tools

Availability: Restricted

Resource Name: Laniakea

Resource ID: SCR_018146

Alternate IDs: biotools:Laniakea

Alternate URLs: <https://bio.tools/Laniakea>

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260912T195858+0000

Ratings and Alerts

No rating or validation information has been found for Laniakea.

No alerts have been found for Laniakea.

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 [SPARC SAWG](#) .

Tangaro MA, et al. (2020) Laniakea: an open solution to provide Galaxy "on-demand" instances over heterogeneous cloud infrastructures. GigaScience, 9(4).