## **Resource Summary Report**

Generated by NIF on Apr 27, 2025

# 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

**Funding:** 

**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: 20250420T014854+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 NIF.

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