

Resource Summary Report

Generated by SPARC SAWG on Sep 12, 2026

bioKepler

RRID:SCR_005385

Type: Tool

Proper Citation

bioKepler (RRID:SCR_005385)

Resource Information

URL: <http://www.biokepler.org>

Proper Citation: bioKepler (RRID:SCR_005385)

Description: A Comprehensive Bioinformatics Scientific Workflow Module for Distributed Analysis of Large-Scale Biological Data that is distributed on top of the core Kepler scientific workflow system.

Abbreviations: bioKepler

Resource Type: software resource

Keywords: module, bioinformatics, workflow, next-generation sequencing

Funding: NSF DBI-1062565

Availability: Acknowledgement requested

Resource Name: bioKepler

Resource ID: SCR_005385

Alternate IDs: OMICS_01139

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260912T195625+0000

Ratings and Alerts

No rating or validation information has been found for bioKepler.

No alerts have been found for bioKepler.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Yang PC, et al. (2019) A demonstration of modularity, reuse, reproducibility, portability and scalability for modeling and simulation of cardiac electrophysiology using Kepler Workflows. PLoS computational biology, 15(3), e1006856.

Tang Y, et al. (2019) PEnBayes: A Multi-Layered Ensemble Approach for Learning Bayesian Network Structure from Big Data. Sensors (Basel, Switzerland), 19(20).