

# Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

## MesKit

RRID:SCR\_020959

Type: Tool

### Proper Citation

MesKit (RRID:SCR\_020959)

### Resource Information

**URL:** <https://github.com/Niinleslie/MesKit>

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**Description:** Software R package for dissecting cancer evolution from multi region derived tumor biopsies via somatic mutations. Used for characterizing cancer genomic ITH and inferring history of tumor evolution via implementation of well established computational and statistical methods.

**Synonyms:** Multi region exome sequencing analysis tool Kit

**Resource Type:** data analysis software, data processing software, data visualization software, sequence analysis software, software application, software resource, software toolkit

**Keywords:** Dissecting cancer evolution, region derived tumor biopsies, somatic mutations, cancer genomic ITH, tumor evolution

**Availability:** Free, Available for download, Freely available

**Resource Name:** MesKit

**Resource ID:** SCR\_020959

**Alternate URLs:** <https://bioconductor.org/packages/MesKit/>

**License:** GPL-3.0

**Record Creation Time:** 20220129T080353+0000

**Record Last Update:** 20260912T195949+0000

### Ratings and Alerts

No rating or validation information has been found for MesKit.

No alerts have been found for MesKit.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zhang J, et al. (2026) Biomimetic hydrogel for the construction of patient-derived bladder cancer organoids with aggressive growth. *iScience*, 29(2), 114786.

Ishikawa R, et al. (2025) Immunohistochemical and molecular evolutionary features of jejunoileal adenocarcinoma unveiled through comparative analysis with colorectal adenocarcinoma. *Neoplasia* (New York, N.Y.), 66, 101180.

Persi E, et al. (2025) Genome-level selection in tumors as a universal marker of resistance to therapy. *Nature communications*, 16(1), 6535.

Liu M, et al. (2021) MesKit: a tool kit for dissecting cancer evolution of multi-region tumor biopsies through somatic alterations. *GigaScience*, 10(5).