

Resource Summary Report

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UMI4Cats

RRID:SCR_021780

Type: Tool

Proper Citation

UMI4Cats (RRID:SCR_021780)

Resource Information

URL: <https://pasquali-lab.gitlab.io/umi4cats/>

Proper Citation: UMI4Cats (RRID:SCR_021780)

Description: Software R package for analyzing UMI-4C chromatin contact data. Used to analyze chromatin contact profiles obtained by UMI-4C.

Synonyms: Unique Molecular Identifiers combines chromosome conformation capture

Resource Type: data visualization software, software application, data processing software, software resource, data analysis software

Defining Citation: [DOI:10.1093/bioinformatics/btab392](https://doi.org/10.1093/bioinformatics/btab392)

Keywords: Profile and quantitatively compare, targeted chromosomal contact profiles, unique molecular identifiers, combines chromosome conformation capture

Availability: Free, Available for download, Freely available

Resource Name: UMI4Cats

Resource ID: SCR_021780

Alternate URLs: <https://bioconductor.org/packages/UMI4Cats/>,
<https://github.com/Pasquali-lab/UMI4Cats>

License: Artistic-2.0

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260813T055244+0000

Ratings and Alerts

No rating or validation information has been found for UMI4Cats.

No alerts have been found for UMI4Cats.

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 [RRID](#) .

Paculova H, et al. (2025) IKAROS Gene Regulatory Network Reveal ERG as a Vulnerability in B-cell Acute Lymphoblastic Leukemia. bioRxiv : the preprint server for biology.

Cortés-Fernández de Lara J, et al. (2024) A novel cis-regulatory element regulates β D and β A-globin gene expression in chicken erythroid cells. Frontiers in genetics, 15, 1384167.