

# Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

## Juicer

RRID:SCR\_017226

Type: Tool

### Proper Citation

Juicer (RRID:SCR\_017226)

### Resource Information

**URL:** <https://github.com/aidenlab/juicer.git>

**Proper Citation:** Juicer (RRID:SCR\_017226)

**Description:** Software platform for analyzing kilobase resolution Hi-C data. Open source tool for analyzing terabase scale Hi-C datasets. Allows to transform raw sequence data into normalized contact maps.

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

**Defining Citation:** [PMID:27467249](#)

**Keywords:** analysis, kilobase, resolution, Hi-C, data, terabase, dataset, transform, raw, sequence, normalized, contact, map

**Funding:** NIH Office of the Director DP2 OD008540;  
NHLBI U01 HL130010;  
NSF PHY-1427654;  
NHGRI HG006193;  
Welch Foundation ;  
Cancer Prevention Research Institute of Texas ;  
NVIDIA Research Center Award ;  
IBM University Challenge Award ;  
Google Research Award ;  
McNair Medical Institute Scholar Award ;  
President Early Career Award in Science and Engineering ;  
NHGRI HG003067;  
PD Soros Fellowship

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

**Resource Name:** Juicer

**Resource ID:** SCR\_017226

**License:** MIT License

**Record Creation Time:** 20220129T080334+0000

**Record Last Update:** 20260804T043701+0000

---

## Ratings and Alerts

No rating or validation information has been found for Juicer.

No alerts have been found for Juicer.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 108 mentions in open access literature.

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

Jo S, et al. (2025) Unlocking saponin biosynthesis in soapwort. Nature chemical biology, 21(2), 215.

Ren L, et al. (2025) Chromosome-level genome assembly of the synanthropic fly *Chrysomya megacephala*: insights into oviposition location. BMC genomics, 26(1), 442.

Chen H, et al. (2025) Chromosome-level genome assembly of *Pinus massoniana* provides insights into conifer adaptive evolution. GigaScience, 14.

Gardner JC, et al. (2025) Inter-chromosomal insertions at Xq27.1 associated with retinal dystrophy induce dysregulation of LINC00632 and CDR1as/ciRS-7. American journal of human genetics, 112(3), 523.

Wang T, et al. (2025) Multiomics analysis provides insights into musk secretion in muskrat and musk deer. GigaScience, 14.

Bian C, et al. (2025) Chromosome-level genome assemblies of five *Sinocyclocheilus* species. GigaByte (Hong Kong, China), 2025, gigabyte155.

Wang ZF, et al. (2025) Chromosome-scale assemblies of three *Ormosia* species: repetitive sequences distribution and structural rearrangement. GigaScience, 14.

Wang Y, et al. (2025) A chromosome-level genome assembly of *Electrophorus voltai*, a species of electric eel. Scientific data, 12(1), 1367.

Kim J, et al. (2025) Cohesin organizes 3D DNA contacts surrounding active enhancers in *C. elegans*. Genome research, 35(5), 1108.

Xing TF, et al. (2025) Extensive Recombination Suppression and Genetic Degeneration of a Young ZW Sex Chromosome System in Halfbeak Fish. *Molecular biology and evolution*, 42(7).

Chen M, et al. (2025) The genome of *Hippophae salicifolia* provides new insights into the sexual differentiation of sea buckthorn. *GigaScience*, 14.

Liu H, et al. (2025) A telomere-to-telomere gapless genome reveals *SIPRR1* control of circadian rhythm and photoperiodic flowering in tomato. *GigaScience*, 14.

Lee H, et al. (2025) Hi-GDT: A Hi-C-based 3D gene domain analysis tool for analyzing local chromatin contacts in plants. *GigaScience*, 14.

Lan T, et al. (2025) Enhancing inbreeding estimation and global conservation insights through chromosome-level assemblies of the Chinese and Malayan pangolin. *GigaScience*, 14.

Jiang D, et al. (2025) The telomere-to-telomere genome of flowering cherry (*Prunus campanulata*) reveals genomic evolution of the subgenus *Cerasus*. *GigaScience*, 14.

Qi Z, et al. (2025) Telomere-to-telomere genome assembly of *Electrophorus electricus* provides insights into the evolution of electric eels. *GigaScience*, 14.

Liu F, et al. (2025) The telomere-to-telomere gapless genome of grass carp provides insights for genetic improvement. *GigaScience*, 14.

Dalgarno A, et al. (2025) Senescence-Associated Chromatin Rewiring Promotes Inflammation and Transposable Element Activation. *bioRxiv* : the preprint server for biology.

Lau NS, et al. (2025) Comparative genomics and multiomics analyses reveal the evolution and physiological basis of rubber biosynthesis in *Hevea* species. *GigaScience*, 14.

Gill R, et al. (2025) Dissecting regulatory non-coding GWAS loci reveals fibroblast causal genes with pathophysiological relevance to heart failure. *Nature communications*, 16(1), 9020.