

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

CoolBox

RRID:SCR_028427

Type: Tool

Proper Citation

CoolBox (RRID:SCR_028427)

Resource Information

URL: <https://github.com/GangCaoLab/CoolBox>

Proper Citation: CoolBox (RRID:SCR_028427)

Description: Software Jupyter notebook based genomic data visualization toolkit.

Resource Type: software toolkit, source code, software resource

Keywords: Jupyter notebook, genomic data, data visualization,

Availability: Free, Available for download, Freely available

Resource Name: CoolBox

Resource ID: SCR_028427

License: GNU GPL v3

Record Creation Time: 20260512T054510+0000

Record Last Update: 20260815T183314+0000

Ratings and Alerts

No rating or validation information has been found for CoolBox.

No alerts have been found for CoolBox.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Shi L, et al. (2026) Dissecting the contribution of transposable elements to interphase chromosome structure. *Genome biology*, 27(1), 36.

Maziak N, et al. (2026) Three-dimensional genome reorganization foreshadows zygotic genome activation in *Drosophila*. *Nature genetics*, 58(3), 607.

Dolsten GA, et al. (2025) 3D chromatin structures precede genome activation in *Drosophila* embryogenesis. *Cell genomics*, 101002.

Hamanaka K, et al. (2025) Genome sequencing provides high diagnostic yield and new etiological insights for intellectual disability and developmental delay. *NPJ genomic medicine*, 10(1), 60.

Jacobs J, et al. (2025) Wolbachia induces host cell identity changes and determines symbiotic fate in *Drosophila*. *bioRxiv* : the preprint server for biology.

Shu X, et al. (2024) RADIP technology comprehensively identifies H3K27me3-associated RNA-chromatin interactions. *Nucleic acids research*, 52(22), e104.

Sun L, et al. (2024) Mapping nucleosome-resolution chromatin organization and enhancer-promoter loops in plants using Micro-C-XL. *Nature communications*, 15(1), 35.

McGarvey AC, et al. (2022) Single-cell-resolved dynamics of chromatin architecture delineate cell and regulatory states in zebrafish embryos. *Cell genomics*, 2(1), 100083.