Resource Summary Report

Generated by Kravitz on Sep 10, 2026

CRISPResso2

RRID:SCR_024503
Type: Tool

Proper Citation

CRISPResso2 (RRID:SCR_024503)

Resource Information

URL: https://github.com/pinellolab/CRISPResso2

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Description: Software pipeline designed to enable rapid and intuitive interpretation of genome editing experiments. Used for analysis of deep sequencing data for rapid and intuitive interpretation of genome editing experiments.

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

Keywords: sequencing data analysis, genome editing experiments interpretation,

Availability: Free, Available for download, Freely available

Resource Name: CRISPResso2

Resource ID: SCR_024503

License URLs: https://github.com/pinellolab/CRISPResso2/blob/master/LICENSE.txt

Record Creation Time: 20231002T161336+0000

Record Last Update: 20260905T133031+0000

Ratings and Alerts

No rating or validation information has been found for CRISPResso2.

No alerts have been found for CRISPResso2.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 61 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Ly D, et al. (2026) Genome-wide screening reveals producer-cell modifications that improve virus-like particle production and delivery potency. Nature communications, 17(1).

Kroell AS, et al. (2026) Modular engineering of thermoresponsive allosteric proteins. Nature chemical biology, 22(5), 751.

Guan K, et al. (2026) Comparative characterization of Cas12f orthologs reveals mechanistic features underlying enhanced genome editing efficiency. Nature structural & molecular biology, 33(5), 756.

Ly D, et al. (2026) Genome-wide screening reveals producer-cell modifications that improve virus-like particle production and delivery potency. bioRxiv : the preprint server for biology.

Pater AA, et al. (2026) Chemical control of 2'-hydroxyl-dependent Cas9 target engagement enables CRISPR RNA ribose replacement. bioRxiv : the preprint server for biology.

Mendoza-Garcia P, et al. (2026) Omics-aided design genome editing strategy for challenging human immortalized cell models. PloS one, 21(2), e0341124.

Aird EJ, et al. (2026) ERCC6L2 ensures repair fidelity for staggered-end DNA double-strand breaks. Nature communications, 17(1).

Zhou Y, et al. (2026) Microglial clonal dynamics and the impact of clonal hematopoiesis in autologously transplanted rhesus macaques. Cell reports, 45(7), 117561.

Raguram A, et al. (2025) Directed evolution of engineered virus-like particles with improved production and transduction efficiencies. Nature biotechnology, 43(10), 1635.

Wei Y, et al. (2025) Efficient glycosylase-mediated base editing with minimal off-target effects in mammalian embryos. Genome biology, 26(1), 360.

Ma E, et al. (2025) Directed evolution expands CRISPR-Cas12a genome-editing capacity. Nucleic acids research, 53(13).

Liao K, et al. (2025) exoCasMINI: A T5 exonuclease fused CRISPR-Cas12f system with enhanced gene editing efficiency. iScience, 28(8), 113171.

Shirole NH, et al. (2025) Requirement for Cyclin D1 Underlies Cell-Autonomous HIF2 Dependence in Kidney Cancer. Cancer discovery, 15(7), 1484.

Yang L, et al. (2025) Cardiac-Specific Gene Editing via an AAV9-Tnnt2-SaCas9-miR122TS Vector. Bio-protocol, 15(5), e5235.

Wang Y, et al. (2025) CRISPR-Enabled Autonomous Transposable Element (CREATE) for RNA-based gene editing and delivery. EMBO reports, 26(4), 1062.

Chen K, et al. (2025) Lung and liver editing by lipid nanoparticle delivery of a stable CRISPR-Cas9 ribonucleoprotein. Nature biotechnology, 43(9), 1445.

Pandey S, et al. (2025) Efficient site-specific integration of large genes in mammalian cells via continuously evolved recombinases and prime editing. Nature biomedical engineering, 9(1), 22.

Tan R, et al. (2025) Generation of two induced pluripotent stem cell lines from dilated cardiomyopathy patients harbouring TTN mutations. Stem cell research, 88, 103834.

Shi H, et al. (2025) Rapid two-step target capture ensures efficient CRISPR-Cas9-guided genome editing. Molecular cell, 85(9), 1730.

Netsawang C, et al. (2025) Precise correction of G6PD Viangchan mutation in iPSCs by prime editing strategy. Scientific reports, 15(1), 30192.