

Resource Summary Report

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Inference of CRISPR Edits

RRID:SCR_024508

Type: Tool

Proper Citation

Inference of CRISPR Edits (RRID:SCR_024508)

Resource Information

URL: <https://ice.synthego.com/#/>

Proper Citation: Inference of CRISPR Edits (RRID:SCR_024508)

Description: Software tool that offers analysis of CRISPR editing data. Used for inference of CRISPR edits from Sanger trace data.

Abbreviations: ICE

Synonyms: Synthego Inference of CRISPR Edits

Resource Type: service resource, analysis service resource, production service resource, software resource

Defining Citation: [PMID:35119294](#)

Keywords: analysis of CRISPR editing data, CRISPR editing analysis,

Availability: Free, Freely available

Resource Name: Inference of CRISPR Edits

Resource ID: SCR_024508

Alternate URLs: <https://github.com/synthego-open/ice#ref2>

Record Creation Time: 20231002T161336+0000

Record Last Update: 20260729T044607+0000

Ratings and Alerts

No rating or validation information has been found for Inference of CRISPR Edits.

No alerts have been found for Inference of CRISPR Edits.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Álvarez-Pérez JC, et al. (2025) High-fidelity Cas9-mediated targeting of KRAS driver mutations restrains lung cancer in preclinical models. *Nature communications*, 16(1), 7080.

Zhu M, et al. (2025) Transgene-Killer-CRISPR version 2 (TKC2) eliminates occasional transgene escape by coupling with a RUBY reporter. *Plant biotechnology journal*, 23(10), 4621.

Gonzales F, et al. (2025) Identifying Targeted Therapies for CBFA2T3::GLIS2 Acute Myeloid Leukemia. *Research square*.

Thomas HR, et al. (2025) Engineering precision zebrafish alleles of human disease. *bioRxiv : the preprint server for biology*.

Swinnen G, et al. (2025) Application of a GRF-GIF chimera enhances plant regeneration for genome editing in tomato. *Plant biotechnology journal*, 23(9), 4044.

Yu X, et al. (2025) Zinc Alleviates Diabetic Muscle Atrophy via Modulation of the SIRT1/FoxO1 Autophagy Pathway Through GPR39. *Journal of cachexia, sarcopenia and muscle*, 16(2), e13771.

Sreekumar A, et al. (2025) Residual Breast Cancer Cells Co-opt SOX5-driven Endochondral Ossification to Maintain Dormancy. *bioRxiv : the preprint server for biology*.

Yao B, et al. (2025) Comparative Analysis of Methods for Assessing On-Target Gene Editing Efficiencies. *Methods and protocols*, 8(2).

Evtimov VJ, et al. (2025) CRISPR-Cas9 knockout of DGK α improves the anti-tumor activities of TAG-72 CAR-T cells in ovarian cancer. *Molecular therapy. Oncology*, 33(2), 200962.

Huang C, et al. (2025) Engineering B cells to Express Fully Customizable Antibodies with Enhanced Fc Functions. *bioRxiv : the preprint server for biology*.

Schneider Y, et al. (2025) Vimentin network dysregulation mediates neurite deficits in SNCA duplication Parkinson's patient-derived midbrain neurons. *Science advances*, 11(23), eadq2742.

Huang C, et al. (2025) Engineering B cells to Express Fully Customizable Antibodies with Enhanced Fc Functions. Research square.

Karapouliou C, et al. (2025) HMMR has oncoprotein-like properties in neuroblastoma cells and high HMMR expression has independent prognostic potential in neuroblastomas. Scientific reports, 15(1), 40434.

Chang CR, et al. (2025) SEED-Selection enables high-efficiency enrichment of primary T cells edited at multiple loci. Nature biotechnology.

Blanco E, et al. (2025) Dominant negative variants in ITPR3 impair T cell Ca²⁺ dynamics causing combined immunodeficiency. The Journal of experimental medicine, 222(1).

Carrillo-Gálvez AB, et al. (2025) Cross-talk between NLRP3 and AIM2 inflammasomes in macrophage activation by LPS and titanium ions. Molecular medicine (Cambridge, Mass.), 31(1), 223.

Skeate JG, et al. (2025) A Singular Base Editing Platform for Polyfunctional Multiplex Engineering of Immune Cells. bioRxiv : the preprint server for biology.

Lyu P, et al. (2025) Genetic variation reveals a homeotic long noncoding RNA that modulates human hematopoietic stem cells. bioRxiv : the preprint server for biology.

Figuerola-Bou E, et al. (2025) KDM6 Demethylases Contribute to EWSR1::FLI1-Driven Oncogenic Reprogramming in Ewing Sarcoma. Cancer research, 85(22), 4485.

Regan SB, et al. (2025) Megabase-scale loss of heterozygosity provoked by CRISPR-Cas9 DNA double-strand breaks. Molecular cell, 85(22), 4119.