

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: analysis service resource, production service resource, 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: 20260905T133108+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 103 mentions in open access literature.

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

Farrukh S, et al. (2026) Rethinking residual p53 function in HPV-positive cervical cancer cells. *Journal of virology*, 100(6), e0047925.

Vihma H, et al. (2026) A dual-reporter mouse for therapeutic discovery in Angelman syndrome. *JCI insight*, 11(5).

Yashar WM, et al. (2026) PU.1 inhibition sensitizes stem-monocytic AML to BCL2 blockade. *bioRxiv : the preprint server for biology*.

Del Prete R, et al. (2026) IL21-STAT3 controls the pentose phosphate pathway to support metabolic reprogramming and tumor progression in chronic lymphocytic leukemia. *HemaSphere*, 10(1), e70292.

Vo N, et al. (2026) Calcium Shock Enables Efficient and Programmable Particle Delivery for Genome Editing Applications. *Advanced science (Weinheim, Baden-Wurtemberg, Germany)*, 13(21), e10441.

Moreno-Corona N, et al. (2026) Ribosomal RNA processing impairments in a B cell immunodeficient patient with WDR75 variants. *Journal of human immunity*, 2(4), e20250061.

Sreekumar A, et al. (2026) Residual Breast Cancer Cells Co-opt SOX5-Driven Endochondral Ossification to Maintain Dormancy. *Cancer discovery*, 16(4), 781.

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

Lara P, et al. (2025) Exploring miR-21 Knock-Out Using CRISPR/Cas as a Treatment for Lung Cancer. *Genes*, 16(2).

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.

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.

Lian Z, et al. (2025) Auxin affects gene editing efficiency through regulating chromatin accessibility and plant regeneration process. *Horticulture research*, 12(12), uhaf240.

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.

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.

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

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

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

Nan AX, et al. (2025) Ligase-mediated programmable genomic integration (L-PGI). *Nature communications*, 17(1), 563.

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

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.