Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

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, production service resource, software resource, analysis service resource

Defining Citation: PMID:35119294

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

Funding:

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: 20250426T061016+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 40 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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).

Nurmi K, et al. (2024) Truncating NFKB1 variants cause combined NLRP3 inflammasome activation and type I interferon signaling and predispose to necrotizing fasciitis. Cell reports. Medicine, 5(4), 101503.

Jové V, et al. (2024) Type I interferon regulation by USP18 is a key vulnerability in cancer. iScience, 27(4), 109593.

LaCoursiere CM, et al. (2024) Zebrafish models of candidate human epilepsy-associated genes provide evidence of hyperexcitability. iScience, 27(7), 110172.

Yang Q, et al. (2024) T4 DNA polymerase prevents deleterious on-target DNA damage and enhances precise CRISPR editing. The EMBO journal, 43(17), 3733.

Jansen RA, et al. (2024) Small-molecule inhibition of MAP2K4 is synergistic with RAS inhibitors in KRAS-mutant cancers. Proceedings of the National Academy of Sciences of the United States of America, 121(9), e2319492121.

Janecki DM, et al. (2024) LINE-1 mRNA 3' end dynamics shape its biology and retrotransposition potential. Nucleic acids research.

Lu J, et al. (2024) RAB18 regulates extrahepatic siRNA-mediated gene silencing efficacy. Molecular therapy. Nucleic acids, 35(4), 102335.

Tudorica DA, et al. (2024) A RAB7A phosphoswitch coordinates Rubicon Homology protein regulation of Parkin-dependent mitophagy. The Journal of cell biology, 223(7).

Choy L, et al. (2024) Inhibition of Aurora Kinase Induces Endogenous Retroelements to Induce a Type I/III IFN Response via RIG-I. Cancer research communications, 4(2), 540.

Yashar WM, et al. (2024) Predicting transcription factor activity using prior biological information. iScience, 27(3), 109124.

Schlapp G, et al. (2024) Zygote cryobanking applied to CRISPR/Cas9 microinjection in mice. PloS one, 19(7), e0306617.

Shin JH, et al. (2024) Enhanced efficacy of glycoengineered rice cell-produced trastuzumab. Plant biotechnology journal, 22(11), 3068.

Wardlaw CP, et al. (2024) Protocol for the quantitative identification of endogenously ISGylated proteins from mammalian cell lines. STAR protocols, 5(1), 102843.

Carrillo-Gálvez AB, et al. (2024) NLRP3 and AIM2 inflammasomes expression is modified by LPS and titanium ions increasing the release of active IL-1? in alveolar bone-derived MSCs. Stem cells translational medicine, 13(8), 826.

Campbell CA, et al. (2024) p65 signaling dynamics drive the developmental progression of hematopoietic stem and progenitor cells through cell cycle regulation. Nature communications, 15(1), 7787.

Naigles B, et al. (2024) Genetic Knock-Ins of Endogenous Fluorescent Tags in RAW 264.7 Murine Macrophages Using CRISPR/Cas9 Genome Editing. Bio-protocol, 14(6), e4960.

Dhaliwal NK, et al. (2024) Protocol for the efficient and inducible generation of CRISPR-Cas9-edited human cortical neurons from the iCas9-iNgn2 hPSCs. STAR protocols, 5(4), 103352.

Ugur B, et al. (2024) VPS13B is localized at the interface between Golgi cisternae and is a functional partner of FAM177A1. The Journal of cell biology, 223(12).

Chen CY, et al. (2024) Rescue of the endogenous FVIII expression in hemophilia A mice using CRISPR-Cas9 mRNA LNPs. Molecular therapy. Nucleic acids, 35(4), 102383.