Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

A plasmid Editor

RRID:SCR_014266
Type: Tool

Proper Citation

A plasmid Editor (RRID:SCR_014266)

Resource Information

URL: http://biologylabs.utah.edu/jorgensen/wayned/ape/

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Description: Software tool for plasmid and sequence editing, annotating and drawing plasmid sequences. Used to view circular or linear maps of DNA sequences. Users can perform virtual digests whereby they select predefined DNA ladder, or specify their own, and visualize theoretical DNA fragments. Used to highlight restriction sites in editing window, accurately reflect Dam/Dcm blocking of enzyme sites, highlighting and drawing graphic maps using feature annotations from genbank and embl files, highlighting text using pre-defined and custom feature libraries, and directly BLASTing selected sequence at NCBI or Wormbase. Runs across Windows, OS X, and Linux/Unix.

Abbreviations: ApE

Synonyms: A plasmid Editor

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

Keywords: Plasmid, editing, sequence, annotating, drawing, restriction, site, enzyme, map, DNA, fragment

Funding:

Availability: Free, Available for download, Freely available

Resource Name: A plasmid Editor

Resource ID: SCR_014266

Alternate URLs: https://jorgensen.biology.utah.edu/wayned/ape/

Old URLs: http://ape-a-plasmid-editor.wikispaces.com

Record Creation Time: 20220129T080319+0000

Record Last Update: 20250417T065452+0000

Ratings and Alerts

No rating or validation information has been found for A plasmid Editor.

No alerts have been found for A plasmid Editor.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 81 mentions in open access literature.

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

Jin EJ, et al. (2025) The BEN domain protein LIN-14 coordinates neuromuscular positioning during epidermal maturation. iScience, 28(1), 111577.

Modaffari D, et al. (2024) Improved gene editing and fluorescent-protein tagging in Aspergillus nidulans using a Golden Gate-based CRISPR-Cas9 plasmid system. Wellcome open research, 9, 602.

Noguchi Y, et al. (2024) In vivo CRISPR screening directly targeting testicular cells. Cell genomics, 4(3), 100510.

Durante-Rodríguez G, et al. (2024) Characterization of a MHYT domain-coupled transcriptional regulator that responds to carbon monoxide. Nucleic acids research, 52(15), 8849.

Chen TQ, et al. (2024) Comparative Mitogenomics Provides Valuable Insights for the Phylogeny and New DNA Barcodes of Ganoderma. Journal of fungi (Basel, Switzerland), 10(11).

Kitashin I, et al. (2024) Complete genome sequences of feline astroviruses from asymptomatic stray cats in Japan. Microbiology resource announcements, 13(11),

e0071224.

Kojima L, et al. (2024) Optimization of AAV vectors for transactivator-regulated enhanced gene expression within targeted neuronal populations. iScience, 27(6), 109878.

Geraud M, et al. (2024) TDP1 mutation causing SCAN1 neurodegenerative syndrome hampers the repair of transcriptional DNA double-strand breaks. Cell reports, 43(5), 114214.

Jarva TM, et al. (2024) Gene expression, evolution, and the genetics of electrosensing in the smalltooth sawfish, Pristis pectinata. Ecology and evolution, 14(5), e11260.

Ray S, et al. (2024) Neuron cilia restrain glial KCC-3 to a microdomain to regulate multisensory processing. Cell reports, 43(3), 113844.

Shiraishi Y, et al. (2023) Precise characterization of somatic complex structural variations from tumor/control paired long-read sequencing data with nanomonsv. Nucleic acids research, 51(14), e74.

Norland S, et al. (2023) Mapping key neuropeptides involved in the melanocortin system in Atlantic salmon (Salmo salar) brain. The Journal of comparative neurology, 531(1), 89.

N?sková H, et al. (2023) Competition for cysteine acylation by C16:0 and C18:0 derived lipids is a global phenomenon in the proteome. The Journal of biological chemistry, 299(9), 105088.

Jaturanratsamee K, et al. (2023) PKD1 gene mutation and ultrasonographic characterization in cats with renal cysts. F1000Research, 12, 760.

Thakur RS, et al. (2023) PDZD8 promotes autophagy at ER-Lysosome contact sites to regulate synaptogenesis. bioRxiv : the preprint server for biology.

Seys FM, et al. (2023) Base editing enables duplex point mutagenesis in Clostridium autoethanogenum at the price of numerous off-target mutations. Frontiers in bioengineering and biotechnology, 11, 1211197.

de Miguel FJ, et al. (2023) Mammalian SWI/SNF chromatin remodeling complexes promote tyrosine kinase inhibitor resistance in EGFR-mutant lung cancer. Cancer cell, 41(8), 1516.

Nemes B, et al. (2023) Elucidation of the binding mode of organic polysulfides on the human TRPA1 receptor. Frontiers in physiology, 14, 1180896.

Pankratz D, et al. (2023) An expanded CRISPR-Cas9-assisted recombineering toolkit for engineering genetically intractable Pseudomonas aeruginosa isolates. Nature protocols, 18(11), 3253.

Ekhlas D, et al. (2022) Examining the impact of zinc on horizontal gene transfer in Enterobacterales. Scientific reports, 12(1), 20503.