Resource Summary Report

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Webcutter

RRID:SCR_017638
Type: Tool

Proper Citation

Webcutter (RRID:SCR_017638)

Resource Information

URL: http://heimanlab.com/cut2.html

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Description: Software tool to find restriction endonucleases. Helps restriction map nucleotide sequences. Tool with customizable interface, platform independent accessibility, interfaces to NCBI's GenBank, DNA sequence database, and NEB's REBase, and restriction enzyme database. In addition to restriction site mapping, Webcutter 2 also performs degenerate digests, including option of finding restriction sites that can be introduced into sequence by silent mutagenesis.

Synonyms: Webcutter 2.0, Webcutter 2

Resource Type: service resource, data analysis service, sequence analysis software, data analysis software, web service, analysis service resource, software resource, software application, production service resource, data processing software, data access protocol

Keywords: Find, restriction, site, endonuclease, map, nucleotide, DNA, sequence, degenarte, digest, silent, mutagenesis

Availability: Free, Freely available

Resource Name: Webcutter

Resource ID: SCR_017638

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260728T043534+0000

Ratings and Alerts

No rating or validation information has been found for Webcutter.

No alerts have been found for Webcutter.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Narancic J, et al. (2024) First Characterization of Acinetobacter baumannii-Specific Filamentous Phages. Viruses, 16(6).

Foltran BB, et al. (2024) Leucine-rich repeat proteins of Leptospira interrogans that interact to host glycosaminoglycans and integrins. Frontiers in microbiology, 15, 1497712.

Pertics BZ, et al. (2023) Characterization of a Lytic Bacteriophage and Demonstration of Its Combined Lytic Effect with a K2 Depolymerase on the Hypervirulent Klebsiella pneumoniae Strain 52145. Microorganisms, 11(3).

Gühmann M, et al. (2021) Preselector.uni-jena.de: optimize your cloning-a resource for identifying restriction enzymes for preselection reactions. Nucleic acids research, 49(W1), W541.

Olaya-Abril A, et al. (2020) Role of the Dihydrodipicolinate Synthase DapA1 on Iron Homeostasis During Cyanide Assimilation by the Alkaliphilic Bacterium Pseudomonas pseudoalcaligenes CECT5344. Frontiers in microbiology, 11, 28.

Gómez GF, et al. (2015) Molecular taxonomy provides new insights into anopheles species of the neotropical arribalzagia series. PloS one, 10(3), e0119488.

Somasekharan S, et al. (2013) Functional expression of human NKCC1 from a synthetic cassette-based cDNA: introduction of extracellular epitope tags and removal of cysteines. PloS one, 8(12), e82060.

Yun J, et al. (2011) The first report of RPSA polymorphisms, also called 37/67 kDa LRP/LR gene, in sporadic Creutzfeldt-Jakob disease (CJD). BMC medical genetics, 12, 108.

Kwambana BA, et al. (2011) Differential effects of frozen storage on the molecular detection of bacterial taxa that inhabit the nasopharynx. BMC clinical pathology, 11, 2.

Moreira JL, et al. (2005) Identification to the species level of Lactobacillus isolated in probiotic prospecting studies of human, animal or food origin by 16S-23S rRNA restriction profiling. BMC microbiology, 5, 15.