Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 9, 2025

Alien-hunter

RRID:SCR_015967
Type: Tool

Proper Citation

Alien-hunter (RRID:SCR_015967)

Resource Information

URL: http://www.sanger.ac.uk/science/tools/alien-hunter

Proper Citation: Alien-hunter (RRID:SCR_015967)

Description: Software for the prediction of putative Horizontal Gene Transfer (HGT) events with the implementation of Interpolated Variable Order Motifs (IVOMs). The predictions (embl format) can be automatically loaded into Artemis genome viewer.

Resource Type: software resource, standalone software, software application

Defining Citation: PMID:16837528, DOI:10.1093/bioinformatics/btl369

Keywords: Horizontal Gene Transfer, Interpolated Variable Order Motifs, gene, transfer, interpolated, variable, motif, prediction, hgt, ivom

Funding: Wellcome Trust

Availability: Free, Available for download

Resource Name: Alien-hunter

Resource ID: SCR_015967

Alternate IDs: OMICS_08280

Alternate URLs: https://sources.debian.org/src/alien-hunter/, https://sources.debian.org/src/alien-hunter/

License: GNU GPL

Record Creation Time: 20220129T080328+0000

Record Last Update: 20250404T061215+0000

Ratings and Alerts

No rating or validation information has been found for Alien-hunter.

No alerts have been found for Alien-hunter.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Médigue C, et al. (2019) MicroScope-an integrated resource for community expertise of gene functions and comparative analysis of microbial genomic and metabolic data. Briefings in bioinformatics, 20(4), 1071.

Bertelli C, et al. (2019) Microbial genomic island discovery, visualization and analysis. Briefings in bioinformatics, 20(5), 1685.

Repizo GD, et al. (2014) Genomic comparative analysis of the environmental Enterococcus mundtii against enterococcal representative species. BMC genomics, 15(1), 489.

Bavishi A, et al. (2010) The prevalence of gene duplications and their ancient origin in Rhodobacter sphaeroides 2.4.1. BMC microbiology, 10, 331.

Azad RK, et al. (2007) Detecting laterally transferred genes: use of entropic clustering methods and genome position. Nucleic acids research, 35(14), 4629.