Resource Summary Report

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PlasmidSeeker

RRID:SCR_024167
Type: Tool

Proper Citation

PlasmidSeeker (RRID:SCR_024167)

Resource Information

URL: https://github.com/bioinfo-ut/PlasmidSeeker

Proper Citation: PlasmidSeeker (RRID:SCR_024167)

Description: Software tool as k-mer based program for identification of known plasmids from whole genome sequencing reads. Used for identification of known plasmids from bacterial whole genome sequencing reads.

Synonyms: plasmidseeker

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

Defining Citation: PMID:29629246

Keywords: k-mer based program, identification of known plasmids, whole genome sequencing reads,

Funding:

Availability: Free, Available for download, Freely available,

Resource Name: PlasmidSeeker

Resource ID: SCR_024167

Alternate IDs: OMICS_28371

Alternate URLs: https://sources.debian.org/src/plasmidseeker/

Record Creation Time: 20230824T050212+0000

Record Last Update: 20250423T061313+0000

Ratings and Alerts

No rating or validation information has been found for PlasmidSeeker.

No alerts have been found for PlasmidSeeker.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Sun Z, et al. (2025) The pivotal role of IncFIB(Mar) plasmid in the emergence and spread of hypervirulent carbapenem-resistant Klebsiella pneumoniae. Science advances, 11(5), eado9097.

Peñil-Celis A, et al. (2024) Mobile genetic elements define the non-random structure of the Salmonella enterica serovar Typhi pangenome. mSystems, 9(8), e0036524.

Nusrin S, et al. (2022) Multiple Mechanisms Confer Resistance to Azithromycin in Shigella in Bangladesh: a Comprehensive Whole Genome-Based Approach. Microbiology spectrum, 10(4), e0074122.

Okdah L, et al. (2022) Genomic Characterization of Colistin-Resistant Isolates from the King Fahad Medical City, Kingdom of Saudi Arabia. Antibiotics (Basel, Switzerland), 11(11).

Castro-Gutierrez V, et al. (2022) Dissemination of metaldehyde catabolic pathways is driven by mobile genetic elements in Proteobacteria. Microbial genomics, 8(10).

Bravo V, et al. (2021) Genomic analysis of the diversity, antimicrobial resistance and virulence potential of clinical Campylobacter jejuni and Campylobacter coli strains from Chile. PLoS neglected tropical diseases, 15(2), e0009207.

Teo JQ, et al. (2021) Genomic characterization of carbapenem-non-susceptible Pseudomonas aeruginosa in Singapore. Emerging microbes & infections, 10(1), 1706.

Mageiros L, et al. (2021) Genome evolution and the emergence of pathogenicity in avian Escherichia coli. Nature communications, 12(1), 765.

Kulecka M, et al. (2021) Higher genome variability within metabolism genes associates with recurrent Clostridium difficile infection. BMC microbiology, 21(1), 36.

Tshibangu-Kabamba E, et al. (2020) Next-Generation Sequencing of the Whole Bacterial Genome for Tracking Molecular Insight into the Broad-Spectrum Antimicrobial Resistance of Helicobacter pylori Clinical Isolates from the Democratic Republic of Congo. Microorganisms, 8(6).

Mwangi C, et al. (2020) Whole Genome Sequencing Reveals Virulence Potentials of Helicobacter pylori Strain KE21 Isolated from a Kenyan Patient with Gastric Signet Ring Cell Carcinoma. Toxins, 12(9).

Martins FH, et al. (2020) EspFu-Mediated Actin Assembly Enhances Enteropathogenic Escherichia coli Adherence and Activates Host Cell Inflammatory Signaling Pathways. mBio, 11(2).

Kiu R, et al. (2019) Phylogenomic analysis of gastroenteritis-associated Clostridium perfringens in England and Wales over a 7-year period indicates distribution of clonal toxigenic strains in multiple outbreaks and extensive involvement of enterotoxin-encoding (CPE) plasmids. Microbial genomics, 5(10).

Kiu R, et al. (2019) Genomic analysis on broiler-associated Clostridium perfringens strains and exploratory caecal microbiome investigation reveals key factors linked to poultry necrotic enteritis. Animal microbiome, 1, 12.