Resource Summary Report

Generated by NIF on Apr 26, 2025

resfinder

RRID:SCR_024314

Type: Tool

Proper Citation

resfinder (RRID:SCR_024314)

Resource Information

URL: https://bitbucket.org/genomicepidemiology/resfinder

Proper Citation: resfinder (RRID:SCR_024314)

Description: Software tool identifies acquired antimicrobial resistance genes in total or partial sequenced isolates of bacteria. Used for identification of acquired antimicrobial resistance genes in whole-genome data.

Synonyms: ResFinder

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

processing software

Defining Citation: PMID:22782487

Keywords: acquired antimicrobial resistance genes identification, total or partial sequenced isolates, identification of acquired antimicrobial resistance genes, whole genome data,

Funding:

Availability: Free, Available for download, Freely available,

Resource Name: resfinder

Resource ID: SCR_024314

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

License: Apache License, Version 2.0

Record Creation Time: 20230830T050217+0000

Record Last Update: 20250426T061007+0000

Ratings and Alerts

No rating or validation information has been found for resfinder.

No alerts have been found for resfinder.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 693 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Boralli CMDS, et al. (2025) Dissemination of IncQ1 Plasmids Harboring NTEKPC-IId in a Brazilian Hospital. Microorganisms, 13(1).

Agolino G, et al. (2025) Genome Mining and Characterization of Two Novel Lacticaseibacillus rhamnosus Probiotic Candidates with Bile Salt Hydrolase Activity. Biomolecules, 15(1).

Candela A, et al. (2025) Multicenter evaluation of Fourier transform infrared (FTIR) spectroscopy as a first-line typing tool for carbapenemase-producing Klebsiella pneumoniae in clinical settings. Journal of clinical microbiology, 63(1), e0112224.

Nowrouzian FL, et al. (2025) Tracing Staphylococcus capitis and Staphylococcus epidermidis strains causing septicemia in extremely preterm infants to the skin, mouth, and gut microbiota. Applied and environmental microbiology, 91(1), e0098024.

Hirabayashi A, et al. (2025) Emergence of the mobile RND-type efflux pump gene cluster tmexCD1-toprJ1 in Klebsiella pneumoniae clinical isolates in Japan. The Journal of antimicrobial chemotherapy, 80(1), 192.

Arconada Nuin E, et al. (2024) A microbiological and genomic perspective of globally collected Escherichia coli from adults hospitalized with invasive E. coli disease. The Journal of antimicrobial chemotherapy, 79(9), 2142.

Maghembe RS, et al. (2024) Comprehensive genomics reveals novel sequence types of multidrug resistant Klebsiella oxytoca with uncharacterized capsular polysaccharide K- and lipopolysaccharide O-antigen loci from the National Hospital of Uganda. Infection, genetics

and evolution: journal of molecular epidemiology and evolutionary genetics in infectious diseases, 123, 105640.

Liu Z, et al. (2024) Whole Genome Sequence Analysis of Two Oxacillin-Resistant and mecA-Positive Strains of Staphylococcus haemolyticus Isolated from Ear Swab Samples of Patients with Otitis Media. Infection and drug resistance, 17, 1291.

Aldeia C, et al. (2024) Genomic insights into Leminorella grimontii and its chromosomal class A GRI ?-lactamase. European journal of clinical microbiology & infectious diseases : official publication of the European Society of Clinical Microbiology, 43(9), 1855.

Hanczvikkel A, et al. (2024) Nosocomial outbreak caused by disinfectant-resistant Serratia marcescens in an adult intensive care unit, Hungary, February to March 2022. Euro surveillance: bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin, 29(26).

Jacobs MR, et al. (2024) ARGONAUT-III and -V: susceptibility of carbapenem-resistant Klebsiella pneumoniae and multidrug-resistant Pseudomonas aeruginosa to the bicyclic boronate ?-lactamase inhibitor taniborbactam combined with cefepime. Antimicrobial agents and chemotherapy, 68(9), e0075124.

Solis MN, et al. (2024) Detecting Class 1 Integrons and Their Variable Regions in Escherichia coli Whole-Genome Sequences Reported from Andean Community Countries. Antibiotics (Basel, Switzerland), 13(5).

Gonçalves LA, et al. (2024) Colonization by Extended-Spectrum ?-Lactamase-Producing Enterobacterales and Bacteremia in Hematopoietic Stem Cell Transplant Recipients. Antibiotics (Basel, Switzerland), 13(5).

Keresztény T, et al. (2024) Isolation and Characterization of Lactic Acid Bacteria With Probiotic Attributes From Different Parts of the Gastrointestinal Tract of Free-living Wild Boars in Hungary. Probiotics and antimicrobial proteins, 16(4), 1221.

Timková I, et al. (2024) Genomic insights into the adaptation of Acinetobacter johnsonii RB2-047 to the heavy metal-contaminated subsurface mine environment. Biometals : an international journal on the role of metal ions in biology, biochemistry, and medicine, 37(2), 371.

Benevides VP, et al. (2024) Genomic Features and Phylogenetic Analysis of Antimicrobial-Resistant Salmonella Mbandaka ST413 Strains. Microorganisms, 12(2).

Wang H, et al. (2024) Pangenome analysis of Shewanella xiamenensis revealed important genetic traits concerning genetic diversity, pathogenicity and antibiotic resistance. BMC genomics, 25(1), 216.

Zhu J, et al. (2024) Streptococcus suis serotype 4: a population with the potential pathogenicity in humans and pigs. Emerging microbes & infections, 13(1), 2352435.

Goravey W, et al. (2024) Clinical, phenotypic, and genotypic characteristics of ESBL-

producing Salmonella enterica bloodstream infections from Qatar. IJID regions, 11, 100368.

Abdel Hadi H, et al. (2024) Epidemiology, Clinical, and Microbiological Characteristics of Multidrug-Resistant Gram-Negative Bacteremia in Qatar. Antibiotics (Basel, Switzerland), 13(4).