

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

[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, data processing software, software application, software resource

Defining Citation: [PMID:22782487](#)

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

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: 20260905T133030+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 969 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Tang B, et al. (2026) Acquired antimicrobial resistance genes in Bordetella Species: a global genomic analysis. The Journal of antimicrobial chemotherapy, 81(1).

Okyere IJ, et al. (2026) Genomic profiling of extended-spectrum beta-lactamase-producing Escherichia coli isolated from poultry and poultry farm workers in Accra, Ghana. Scientific reports, 16(1).

Weng R, et al. (2026) Heterogeneous multicopy of blaCTX-M variants on the same plasmid enhances evolutionary adaptability in clinical Klebsiella pneumoniae. Nature communications, 17(1).

Wang Q, et al. (2026) Novel ST3871 Escherichia coli exhibits diverse transmission modes, carrying the tet(X4) resistance gene. Microbiology spectrum, 14(3), e0052125.

González-Corralejo C, et al. (2026) Detection of a blaKPC-2 carrying IncP-6 plasmid in Aeromonas caviae isolated from a clinical sample in a Spanish hospital. Revista espanola de quimioterapia : publicacion oficial de la Sociedad Espanola de Quimioterapia, 39(2), 143.

Anderson REV, et al. (2026) Characterization of extended-spectrum cephalosporin-resistant Klebsiella recovered from dairy manure in Southern Ontario, Canada. PloS one, 21(1), e0336012.

Liu P, et al. (2026) Potential dissemination of IncHI2/IncHI2A plasmids carrying mcr-9.4 complex transposon in chicken-derived Enterobacter hormaechei. Microbiology spectrum, 14(4), e0197925.

Mahajan S, et al. (2026) Molecular insights into the antimicrobial and cardiometabolic functions of Lactobacillus crispatus isolated from the reproductive tract microbiota of Indian women. Journal of biomedical science, 33(1), 7.

Jia C, et al. (2026) Distinct genomic trajectory among invasive Salmonella Typhimurium ST313 infections. Nature communications, 17(1).

Hashim EA, et al. (2026) Global threats in local wards: Dissemination of high-risk clones resistant to last-generation cephalosporins and carbapenems in Iraqi hospitals. IJID

regions, 18, 100852.

Chukamnerd A, et al. (2026) Genomic Epidemiology of Carbapenem-Resistant *Acinetobacter baumannii* Isolated from Patients Admitted to Intensive Care Units in Network Hospitals in Southern Thailand. *Antibiotics* (Basel, Switzerland), 15(2).

Boripun R, et al. (2026) Whole-Genome Sequence Analysis of Colistin-Resistant, *mcr*-Harboring *Escherichia coli* Isolated from a Swine Slaughterhouse in Thailand. *Antibiotics* (Basel, Switzerland), 15(2).

Yu D, et al. (2026) Exosome-like Nanovesicles from *Hordeum vulgare* L. Fermented with *Lactiplantibacillus plantarum* BMSE-HMP251 Ameliorate LPS-Induced Inflammation in HT-29 and RAW 264.7 Cells. *Molecules* (Basel, Switzerland), 31(4).

Lee J, et al. (2026) Distinct ESBL dissemination mechanism associated with the hybrid transposon Tn1721/Tn21 in blaCTX-M-15-carrying *Salmonella* Enteritidis from poultry in South Korea. *Microbiology spectrum*, 14(3), e0375525.

Smith MH, et al. (2026) Methicillin-resistant *Staphylococcus lugdunensis* in a neonatal intensive care unit: diagnostic challenges and emergence of multidrug-resistance. *Frontiers in medicine*, 13, 1765608.

Pirollo M, et al. (2026) Cross-species and cross-border spread of aph(3')-II-mediated neomycin resistance in *Escherichia coli* from animals: a genomic perspective. *The Journal of antimicrobial chemotherapy*, 81(5).

Declercq C, et al. (2026) Spread of extended-spectrum β -lactamase-producing Enterobacterales (ESBL-E) in the community living spaces of patients identified as ESBL-E carriers: impact of the housing density in an African context. *Tropical medicine and health*, 54(1).

Korzekwa K, et al. (2026) Antibiofilm and antimetabolic effects of disinfectants on *Pseudomonas aeruginosa* strains isolated from cosmetic manufacturing environments. *Applied microbiology and biotechnology*, 110(1), 41.

Zhang R, et al. (2026) Genomic characterization of a virulent multidrug-resistant *Salmonella enterica* serovar Enteritidis strain isolated from meat rabbits (*Oryctolagus cuniculus*) in China. *BMC microbiology*, 26(1), 116.

Bahri S, et al. (2026) Spread of Multidrug-Resistant Enterobacterales Strains Isolated From the Hospital Environment and Clinical Specimens Within ICUs in Tunisia. *Cureus*, 18(1), e102231.