

Resource Summary Report

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BRIG

RRID:SCR_007802

Type: Tool

Proper Citation

BRIG (RRID:SCR_007802)

Resource Information

URL: <http://brig.sourceforge.net/>

Proper Citation: BRIG (RRID:SCR_007802)

Description: A cross-platform (Windows/Mac/Unix) application that can display circular comparisons between a large number of genomes, with a focus on handling genome assembly data.

Abbreviations: BRIG

Synonyms: BLAST Ring Image Generator

Resource Type: software resource

Defining Citation: [DOI:10.1186/1471-2164-12-402](https://doi.org/10.1186/1471-2164-12-402)

Keywords: bio.tools

Resource Name: BRIG

Resource ID: SCR_007802

Alternate IDs: OMICS_00929, biotools:brig

Alternate URLs: <https://bio.tools/brig>, <https://sources.debian.org/src/brig/>

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260801T190324+0000

Ratings and Alerts

No rating or validation information has been found for BRIG.

No alerts have been found for BRIG.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 497 mentions in open access literature.

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

Safari M, et al. (2026) Comprehensive genomic analysis of a novel *Bacillus cereus* decomposing toluene potentially applicable in bioremediation. *Microbiology spectrum*, 14(1), e0289224.

Sia CM, et al. (2025) Distinct adaptation and epidemiological success of different genotypes within *Salmonella enterica* serovar Dublin. *eLife*, 13.

Biedrzycka M, et al. (2025) Carbapenemase-Producing Enterobacterales from Patients Arriving from Ukraine in Poland, March 2022-February 2023. *Infectious diseases and therapy*, 14(2), 401.

Raj S, et al. (2025) Comparative genomic analysis of paired clinical isolates from a patient with recurrent melioidosis reveals a low within-host mutation rate. *Journal of medical microbiology*, 74(4).

Pla-D??az M, et al. (2025) Insights into *Treponema pallidum* genomics from modern and ancient genomes using a novel mapping strategy. *BMC biology*, 23(1), 7.

Wang Q, et al. (2025) A strain defined as a novel species in the *Acinetobacter* genus co-harboring chromosomal associated tet(X3) and plasmid associated bla NDM-1 from a beef cattle farm in Hebei, China. *Frontiers in cellular and infection microbiology*, 15, 1594982.

Amr RM, et al. (2025) A novel thermostable lytic phage vB_EF_Enf3_CCASU-2024-3 against clinical *Enterococcus faecium* and *Enterococcus faecalis*. *AMB Express*, 15(1), 65.

Yu K, et al. (2025) Study on collateral sensitivity of tigecycline to colistin-resistant *Enterobacter cloacae* complex. *Microbiology spectrum*, 13(7), e0331024.

Mauffrey F, et al. (2025) Plasmid diversity of *Serratia marcescens* and *Klebsiella pneumoniae* isolates involved in two carbapenem-resistant Enterobacteriaceae outbreaks in a Swiss hospital. *Microbiology spectrum*, 13(7), e0328424.

Weber A, et al. (2025) NDM-1 plasmid clustering reflects clonal transmission of *Klebsiella pneumoniae* ST147 in four hospitals in Berlin, Germany. *Antimicrobial resistance and infection control*, 14(1), 114.

Tang M, et al. (2025) Research note: Emergence of blaNDM-13 producing *Escherichia coli* from a broiler chicken and farm environment in Jiangsu Province, China. *Poultry science*, 104(11), 105790.

Chen C, et al. (2025) Genomic Diversity of the tet(X)-Positive Myroides Species. *Microorganisms*, 13(6).

Lu Z, et al. (2025) Virulence and resistance gene analysis of *Rothia nasimurium* by whole gene sequencing. *Scientific reports*, 15(1), 10583.

Munir A, et al. (2025) Emergence of plasmid-mediated fosfomycin resistance among *Escherichia coli* harboring *fosA4*, *tet(X4)*, and *mcr-1* genes in wild birds. *mSystems*, 10(4), e0167324.

Ghazawi A, et al. (2025) Comparative genomic study of blaKPC-2-carrying multidrug-resistant *Klebsiella pneumoniae* in the United Arab Emirates. *Scientific reports*, 15(1), 45259.

Zhang Y, et al. (2025) Emerging Mobile Colistin Resistance Gene Mcr-1 and Mcr-10 in Enterobacteriaceae Isolates From Urban Sewage in China. *Infection and drug resistance*, 18, 1035.

Rodwell EV, et al. (2025) Hybrid strains of enterotoxigenic/Shiga toxin-producing *Escherichia coli*, United Kingdom, 2014-2023. *Journal of medical microbiology*, 74(1).

Liu R, et al. (2025) Biochemical properties and substrate specificity of GOB-38 in *Elizabethkingia anophelis*. *Scientific reports*, 15(1), 351.

Besse A, et al. (2025) *Achromobacter xylosoxidans* modulates *Pseudomonas aeruginosa* virulence through a complex multi-target competition. *Scientific reports*, 15(1), 23392.

Barker CR, et al. (2025) Characterization of a *Listeria monocytogenes* plasmid with antibiotic and stress resistance genes. *Microbial genomics*, 11(7).