

Resource Summary Report

Generated by NIF on Apr 17, 2025

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

Funding:

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: 20250410T065625+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 457 mentions in open access literature.

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

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

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.

Elizondo-Reyna E, et al. (2025) Insights from a Genome-Wide Study of *Pantoea agglomerans* UADEC20: A Promising Strain for Phosphate Solubilization and Exopolysaccharides Production. *Current issues in molecular biology*, 47(1).

Zamunér CFC, et al. (2025) Evolution and spread of *Xanthomonas citri* subsp. *citri* in the São Paulo, Brazil, citrus belt inferred from 758 novel genomes. *Microbial genomics*, 11(1).

Sattler J, et al. (2024) OXA-48-like carbapenemases in *Proteus mirabilis* - novel genetic environments and a challenge for detection. *Emerging microbes & infections*, 13(1), 2353310.

Wang W, et al. (2024) Emergence and genomic characteristics of multi-drug-resistant *Salmonella* in pet turtles and children with diarrhoea. *Microbial genomics*, 10(1).

Moussa J, et al. (2024) Characterization of blaNDM-19-producing IncX3 plasmid isolated from carbapenem-resistant *Escherichia coli* and *Klebsiella pneumoniae*. *Heliyon*, 10(8), e29642.

Burger NFV, et al. (2024) Host-specific co-evolution likely driven by diet in *Buchnera aphidicola*. *BMC genomics*, 25(1), 153.

Handy NB, et al. (2024) Hierarchical determinants in cytotoxic necrotizing factor (CNF) toxins

driving Rho G-protein deamidation versus transglutamination. *mBio*, 15(7), e0122124.

Böer T, et al. (2024) Isolation and characterization of novel acetogenic *Moorella* strains for employment as potential thermophilic biocatalysts. *FEMS microbiology ecology*, 100(9).

Liu J, et al. (2024) Emergence of a novel sequence type carbapenem-resistant hypervirulent *Klebsiella pneumoniae* ST6417 harboring blaNDM-5 on the IncX3 plasmid. *Microbiology spectrum*, 12(10), e0098424.

Jiang L, et al. (2024) Analysis of the recombination and evolution of the new type mutant pseudorabies virus XJ5 in China. *BMC genomics*, 25(1), 752.

Sattar F, et al. (2024) Analyzing Antibiotic Resistance in Bacteria from Wastewater in Pakistan Using Whole-Genome Sequencing. *Antibiotics* (Basel, Switzerland), 13(10).

Vilela FP, et al. (2024) Comparative genomics reveals high genetic similarity among strains of *Salmonella enterica* serovar Infantis isolated from multiple sources in Brazil. *PeerJ*, 12, e17306.

Zhang XW, et al. (2024) Plasmid-mediated azithromycin resistance in non-typhoidal *Salmonella* recovered from human infections. *The Journal of antimicrobial chemotherapy*, 79(10), 2688.

Teng G, et al. (2024) Adaptive attenuation of virulence in hypervirulent carbapenem-resistant *Klebsiella pneumoniae*. *mSystems*, 9(6), e0136323.

Moreira da Silva J, et al. (2024) Carbapenemase-producing Enterobacterales strains causing infections in companion animals-Portugal. *Microbiology spectrum*, 12(4), e0341623.

Moura Q, et al. (2024) Genomic Features of an MDR *Escherichia coli* ST5506 Harboring an IncHI2/In229/blaCTX-M-2 Array Isolated from a Migratory Black Skimmer. *Pathogens* (Basel, Switzerland), 13(1).

Liu C, et al. (2024) Phenotypic and genomic characteristics of clinical IMP-producing *Klebsiella* spp. Isolates in China. *Communications medicine*, 4(1), 25.