Resource Summary Report

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Phandango

RRID:SCR_015243 Type: Tool

Proper Citation

Phandango (RRID:SCR_015243)

Resource Information

URL: http://phandango.net/

Proper Citation: Phandango (RRID:SCR_015243)

Description: Interactive web visualization tool for populations of bacterial genomes linked by a phylogeny.

Resource Type: software resource, visualization tool, web application

Defining Citation: DOI:10.1101/119545

Keywords: bacterial genome, bacterial phylogeny, bacterial population genomes

Funding:

Availability: Open source

Resource Name: Phandango

Resource ID: SCR_015243

Alternate URLs: https://github.com/jameshadfield/phandango

Record Creation Time: 20220129T080324+0000

Record Last Update: 20250430T055956+0000

Ratings and Alerts

No rating or validation information has been found for Phandango.

No alerts have been found for Phandango.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We found 152 mentions in open access literature.

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

Vautrin N, et al. (2025) Are Escherichia coli causing recurrent cystitis just ordinary uropathogenic E. coli (UPEC) strains? Virulence, 16(1), 2444689.

Gheorghe-Barbu I, et al. (2025) Emerging Resistance and Virulence Patterns in Salmonella enterica: Insights into Silver Nanoparticles as an Antimicrobial Strategy. Antibiotics (Basel, Switzerland), 14(1).

Sivarajan V, et al. (2025) Prevalence and genomic insights of carbapenem resistant and ESBL producing Multidrug resistant Escherichia coli in urinary tract infections. Scientific reports, 15(1), 2541.

Wu Y, et al. (2025) Hotspots of genetic change in Yersinia pestis. Nature communications, 16(1), 388.

El Chaar M, et al. (2024) Longitudinal genomic surveillance of multidrug-resistant Escherichia coli carriage in critical care patients. Microbiology spectrum, 12(2), e0312823.

Che M, et al. (2024) Comparison of IncK-blaCMY-2 Plasmids in Extended-Spectrum Cephalosporin-Resistant Escherichia coli Isolated from Poultry and Humans in Denmark, Finland, and Germany. Antibiotics (Basel, Switzerland), 13(4).

Seth-Smith H, et al. (2024) Chlamydia suis undergoes interclade recombination promoting Tet-island exchange. BMC genomics, 25(1), 724.

Cunha-Ferreira IC, et al. (2024) Impact of Paenibacillus elgii supernatant on screening bacterial strains with potential for biotechnological applications. Engineering microbiology, 4(3), 100163.

Stanojkovi? A, et al. (2024) The global speciation continuum of the cyanobacterium Microcoleus. Nature communications, 15(1), 2122.

Grizon A, et al. (2024) Genomic Characterization of Wild Lactobacillus delbrueckii Strains Reveals Low Diversity but Strong Typicity. Microorganisms, 12(3).

Farook NAM, et al. (2024) Desiccation tolerance and reduced antibiotic resistance: Key drivers in ST239-III to ST22-IV MRSA clonal replacement at a Malaysian teaching hospital. International journal of medical microbiology : IJMM, 317, 151638.

King AC, et al. (2024) Comparison of gene-by-gene and genome-wide short nucleotide sequence-based approaches to define the global population structure of Streptococcus pneumoniae. Microbial genomics, 10(8).

Aziz F, et al. (2024) Genomic analysis and identification of a novel superantigen, SargEY, in Staphylococcus argenteus isolated from atopic dermatitis lesions. mSphere, 9(7), e0050524.

Roje B, et al. (2024) Gut microbiota carcinogen metabolism causes distal tissue tumours. Nature, 632(8027), 1137.

Yakubu B, et al. (2024) Pangenome Analysis of Helicobacter pylori Isolates from Selected Areas of Africa Indicated Diverse Antibiotic Resistance and Virulence Genes. International journal of genomics, 2024, 5536117.

Lan Y, et al. (2024) Limited protection of pneumococcal vaccines against emergent Streptococcus pneumoniae serotype 14/ST876 strains. Infection, 52(3), 801.

Quarton S, et al. (2024) Towards personalised anti-microbial and immune approaches to infections in acute care. Can real-time genomic-informed diagnosis of pathogens, and immune-focused therapies improve outcomes for patients? An observational, experimental study protocol. PloS one, 19(3), e0298425.

Cookson AL, et al. (2024) New Campylobacter Lineages in New Zealand Freshwater: Pathogenesis and Public Health Implications. Environmental microbiology, 26(12), e70016.

Yoon KN, et al. (2024) Lactiplantibacillus argentoratensis AGMB00912 protects weaning mice from ETEC infection and enhances gut health. Frontiers in microbiology, 15, 1440134.

Yahara H, et al. (2024) Shotgun metagenomic analysis of saliva microbiome suggests Mogibacterium as a factor associated with chronic bacterial osteomyelitis. PloS one, 19(5), e0302569.