Resource Summary Report

Generated by RRID on Apr 8, 2025

QUAST

RRID:SCR_001228
Type: Tool

Proper Citation

QUAST (RRID:SCR_001228)

Resource Information

URL: http://bioinf.spbau.ru/quast

Proper Citation: QUAST (RRID:SCR_001228)

Description: Quality assessment software tool for evaluating and comparing genome assemblies. It works both with and without a given reference genome. It produces many reports, summary tables and plots.

Abbreviations: QUAST

Synonyms: QUAST: Quality Assessment Tool for Genome Assemblies

Resource Type: software resource

Defining Citation: PMID:23422339

Keywords: genome assembly, genomics, bio.tools

Funding:

Resource Name: QUAST

Resource ID: SCR_001228

Alternate IDs: biotools:quast, OMICS_02115

Alternate URLs: https://bio.tools/quast, https://sources.debian.org/src/quast/

Record Creation Time: 20220129T080206+0000

Record Last Update: 20250214T182932+0000

Ratings and Alerts

No rating or validation information has been found for QUAST.

No alerts have been found for QUAST.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2270 mentions in open access literature.

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

Almeida-Santos AC, et al. (2025) The healthy human gut can take it all: vancomycin-variable, linezolid-resistant strains and specific bacteriocin-species interplay in Enterococcus spp. Applied and environmental microbiology, 91(1), e0169924.

Gomaa F, et al. (2025) Array of metabolic pathways in a kleptoplastidic foraminiferan protist supports chemoautotrophy in dark, euxinic seafloor sediments. The ISME journal, 19(1).

Rayamajhi N, et al. (2025) The genome of the cryopelagic Antarctic bald notothen, Trematomus borchgrevinki. G3 (Bethesda, Md.), 15(1).

Hauff L, et al. (2025) De Novo Genome Assembly for an Endangered Lemur Using Portable Nanopore Sequencing in Rural Madagascar. Ecology and evolution, 15(1), e70734.

Zhang C, et al. (2025) Gut microbiota profiles of sympatric snub-nosed monkeys and macaques in Qinghai-Tibetan Plateau show influence of phylogeny over diet. Communications biology, 8(1), 95.

Clark MS, et al. (2025) Assessing the impact of sewage and wastewater on antimicrobial resistance in nearshore Antarctic biofilms and sediments. Environmental microbiome, 20(1), 9.

Horvath M, et al. (2025) Species- and strain-specific microbial modulation of interferon, innate immunity, and epithelial barrier in 2D air-liquid interface respiratory epithelial cultures. BMC biology, 23(1), 28.

Shin HD, et al. (2025) Chromosome-level Genome Assembly of Korean Long-tailed Chicken and Pangenome of 40 Gallus gallus Assemblies. Scientific data, 12(1), 51.

Tristancho-Baró A, et al. (2025) Genomic Characterization of Carbapenemase-Producing Enterobacteriaceae from Clinical and Epidemiological Human Samples. Antibiotics (Basel, Switzerland), 14(1).

Liu X, et al. (2025) Mitochondrial Genome Characteristics Reveal Evolution of Danxiaorchis yangii and Phylogenetic Relationships. International journal of molecular sciences, 26(2).

Coll F, et al. (2025) The mutational landscape of Staphylococcus aureus during colonisation. Nature communications, 16(1), 302.

Mitchell DD, et al. (2025) Draft genome dataset of Streptomyces griseoincarnatus strain R-35 isolated from tidal pool sediments. Data in brief, 58, 111235.

Guinet B, et al. (2025) Dating the origin of a viral domestication event in parasitoid wasps attacking Diptera. Proceedings. Biological sciences, 292(2039), 20242135.

Laczkó L, et al. (2025) An updated reference genome of Barbatula barbatula (Linnaeus, 1758). Scientific data, 12(1), 137.

Arce-Aceves MF, et al. (2025) Fitness costs of Mycobacterium tuberculosis resistant to rifampicin is compensated by rapid Th2 polarization mediated by early and high IL-4 production during mice infection. Scientific reports, 15(1), 2811.

Fernández L, et al. (2025) Multipronged impact of environmental temperature on Staphylococcus aureus infection by phage Kayvirus rodi: Implications for biofilm control. Biofilm, 9, 100248.

Castillo G, et al. (2025) Genome Sequencing Reveals the Potential of Enterobacter sp. Strain UNJFSC003 for Hydrocarbon Bioremediation. Genes, 16(1).

Yibar A, et al. (2025) Genomic Insight into Vibrio Isolates from Fresh Raw Mussels and Ready-to-Eat Stuffed Mussels. Pathogens (Basel, Switzerland), 14(1).

Quesille-Villalobos AM, et al. (2025) Multispecies emergence of dual blaKPC/NDM carbapenemase-producing Enterobacterales recovered from invasive infections in Chile. Antimicrobial agents and chemotherapy, 69(1), e0120524.

Záhonová K, et al. (2025) Comparative Analysis of Protist Communities in Oilsands Tailings Using Amplicon Sequencing and Metagenomics. Environmental microbiology, 27(1), e70029.