pycoqc

RRID:SCR_024185
Type: Tool

Proper Citation

pycoqc (RRID:SCR_024185)

Resource Information

URL: https://github.com/a-slide/pycoQC

Proper Citation: pycoqc (RRID:SCR_024185)

Description: Software application to compute metrics and generate interactive QC plots for Oxford Nanopore technologies sequencing data.

Resource Type: software resource, software toolkit

Keywords: compute metrics, generate interactive QC plots, Oxford Nanopore technologies sequencing data,

Funding:

Availability: Free, Available for download, Freely available,

Resource Name: pycoqc

Resource ID: SCR_024185

Alternate URLs: https://sources.debian.org/src/pycoqc/

Record Creation Time: 20230824T050212+0000

Record Last Update: 20250410T071725+0000

Ratings and Alerts

No rating or validation information has been found for pycoqc.

No alerts have been found for pycoqc.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Kimemia BB, et al. (2024) Detection of pathogenic bacteria in ticks from Isiolo and Kwale counties of Kenya using metagenomics. PloS one, 19(4), e0296597.

Li K, et al. (2024) Genetic diagnosis of facioscapulohumeral muscular dystrophy type 1 using rare-variant linkage analysis and long-read genome sequencing. Genetics in medicine open, 2, 101817.

Jacob KM, et al. (2024) Mucin-induced surface dispersal of Staphylococcus aureus and Staphylococcus epidermidis via quorum-sensing dependent and independent mechanisms. mBio, 15(8), e0156224.

Choi MK, et al. (2024) Exposure to elevated glucocorticoid during development primes altered transcriptional responses to acute stress in adulthood. iScience, 27(7), 110160.

Desideri F, et al. (2024) CyCoNP lncRNA establishes cis and trans RNA-RNA interactions to supervise neuron physiology. Nucleic acids research, 52(16), 9936.

De Meulenaere K, et al. (2024) Selective whole-genome sequencing of Plasmodium parasites directly from blood samples by nanopore adaptive sampling. mBio, 15(1), e0196723.

Carneiro DG, et al. (2024) Genome sequencing and analysis of Salmonella enterica subsp. enterica serotype Enteritidis PT4 578: insights into pathogenicity and virulence. Access microbiology, 6(11).

Charles RA, et al. (2024) Completing the Puzzle: A Cluster of Hunting Dogs with Tick-Borne Illness from a Fishing Community in Tobago, West Indies. Pathogens (Basel, Switzerland), 13(2).

De Clercq G, et al. (2024) Full characterization of unresolved structural variation through long-read sequencing and optical genome mapping. Scientific reports, 14(1), 29142.

Teullet S, et al. (2023) Metagenomics uncovers dietary adaptations for chitin digestion in the gut microbiota of convergent myrmecophagous mammals. mSystems, 8(5), e0038823.

Gomes AR, et al. (2022) A transcriptional switch controls sex determination in Plasmodium falciparum. Nature, 612(7940), 528.

Wang K, et al. (2021) Metagenomic diagnosis of severe psittacosis using multiple sequencing platforms. BMC genomics, 22(1), 406.

Waweru JW, et al. (2021) Enrichment approach for unbiased sequencing of respiratory syncytial virus directly from clinical samples. Wellcome open research, 6, 99.

Wang K, et al. (2020) Metagenomic Diagnosis for a Culture-Negative Sample From a Patient With Severe Pneumonia by Nanopore and Next-Generation Sequencing. Frontiers in cellular and infection microbiology, 10, 182.