Resource Summary Report

Generated by dkNET on Apr 23, 2025

SOAPaligner/soap2

RRID:SCR_005503
Type: Tool

Proper Citation

SOAPaligner/soap2 (RRID:SCR_005503)

Resource Information

URL: http://soap.genomics.org.cn/soapaligner.html

Proper Citation: SOAPaligner/soap2 (RRID:SCR_005503)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on April 12,2024. Updated version of SOAP software for short oligonucleotide alignment that features in super fast and accurate alignment for huge amounts of short reads generated by Illumina/Solexa Genome Analyzer.

Abbreviations: SOAPaligner, SOAP2

Resource Type: data processing software, software resource, software application

Defining Citation: PMID:19497933, DOI:10.1093/bioinformatics/btn025

Keywords: next generation sequencing, alignment, short read, oligonucleotide, single-read, pair-end, resequencing, bio.tools

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: SOAPaligner/soap2

Resource ID: SCR_005503

Alternate IDs: biotools:soap2

Alternate URLs: https://bio.tools/soap2, https://sources.debian.org/src/soapaligner/

Record Creation Time: 20220129T080230+0000

Record Last Update: 20250423T060238+0000

Ratings and Alerts

No rating or validation information has been found for SOAPaligner/soap2.

No alerts have been found for SOAPaligner/soap2.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 317 mentions in open access literature.

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

Li J, et al. (2024) Genome-wide study of drought tolerance traits in wild jujube. BMC plant biology, 24(1), 1000.

Wang Y, et al. (2024) Stenotrophomonas maltophilia uses a c-di-GMP module to sense the mammalian body temperature during infection. PLoS pathogens, 20(9), e1012533.

Zhang W, et al. (2024) SETMAR Facilitates the Differentiation of Thyroid Cancer by Regulating SMARCA2-Mediated Chromatin Remodeling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(32), e2401712.

Huo Y, et al. (2024) GhCTSF1, a short PPR protein with a conserved role in chloroplast development and photosynthesis, participates in intron splicing of rpoC1 and ycf3-2 transcripts in cotton. Plant communications, 5(6), 100858.

Zhao S, et al. (2024) The role of halophyte-induced saline fertile islands in soil microbial biogeochemical cycling across arid ecosystems. Communications biology, 7(1), 1061.

Li X, et al. (2024) Autographiviridae phage HH109 uses capsular polysaccharide for infection of Vibrio alginolyticus. iScience, 27(9), 110695.

Cui X, et al. (2024) The histone methyltransferase SUV420H2 regulates brown and beige adipocyte thermogenesis. JCI insight, 9(11).

Liang J, et al. (2024) Metagenomic analysis of core differential microbes between traditional starter and Round-Koji-mechanical starter of Chi-flavor Baijiu. Frontiers in microbiology, 15, 1390899.

Fraser R, et al. (2024) Evidence for a Novel X Chromosome in Termites. Genome biology and evolution, 16(12).

Gattoni G, et al. (2023) Biosynthetic gene profiling and genomic potential of the novel photosynthetic marine bacterium Roseibaca domitiana. Frontiers in microbiology, 14, 1238779.

Du HY, et al. (2023) Analysis of the Properties of 44 ABC Transporter Genes from Biocontrol Agent Trichoderma asperellum ACCC30536 and Their Responses to Pathogenic Alternaria alternata Toxin Stress. Current issues in molecular biology, 45(2), 1570.

Liu Z, et al. (2023) Simulated spaceflight-induced cardiac remodeling is modulated by gut microbial-derived trimethylamine N-oxide. iScience, 26(12), 108556.

Zhang Y, et al. (2023) Genome-Wide Identification of the NRT1 Family Members and Their Expression under Low-Nitrate Conditions in Chinese Cabbage (Brassica rapa L. ssp. pekinensis). Plants (Basel, Switzerland), 12(22).

He K, et al. (2023) The Chromosome-Scale Genomes of Exserohilum rostratum and Bipolaris zeicola Pathogenic Fungi Causing Rice Spikelet Rot Disease. Journal of fungi (Basel, Switzerland), 9(2).

Rajer F, et al. (2022) The Role of Antibiotic Resistance Genes in the Fitness Cost of Multiresistance Plasmids. mBio, 13(1), e0355221.

Yin J, et al. (2022) Heritability of tomato rhizobacteria resistant to Ralstonia solanacearum. Microbiome, 10(1), 227.

Li M, et al. (2022) GIF1 controls ear inflorescence architecture and floral development by regulating key genes in hormone biosynthesis and meristem determinacy in maize. BMC plant biology, 22(1), 127.

Ge F, et al. (2022) Transcriptomic and enzymatic analysis reveals the roles of glutamate dehydrogenase in Corynebacterium glutamicum. AMB Express, 12(1), 161.

Chen Q, et al. (2022) Phosphorus Regulates the Level of Signaling Molecules in Rice to Reduce Cadmium Toxicity. Current issues in molecular biology, 44(9), 4070.

Haroon , et al. (2022) De Novo Transcriptome Assembly and Analysis of Longevity Genes Using Subterranean Termite (Reticulitermes chinensis) Castes. International journal of molecular sciences, 23(21).