Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 9, 2024

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

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/

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 308 mentions in open access literature.

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

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

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

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.

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).

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

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

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.

Sun C, et al. (2022) Transcriptome Analysis Revealed Genes Related to ?-Irradiation

Induced Emergence Failure in Third-Instar Larvae of Bactrocera dorsalis. Insects, 13(11).

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).

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.

Wang X, et al. (2022) Zinc finger protein Zfp335 controls early T-cell development and survival through ?-selection-dependent and -independent mechanisms. eLife, 11.

Zhao F, et al. (2022) Intake of a Chicken Protein-Based or Soy Protein-Based Diet Differentially Affects Growth Performance, Absorptive Capacity, and Gut Microbiota in Young Rats. Molecular nutrition & food research, 66(13), e2101124.

Zhao F, et al. (2022) Casein and red meat proteins differentially affect the composition of the gut microbiota in weaning rats. Food chemistry, 397, 133769.

Chen G, et al. (2021) Novel biomarkers for post-contrast acute kidney injury identified from long non-coding RNA expression profiles. International journal of biological sciences, 17(3), 882.

Vargas-Accarino E, et al. (2021) Spontaneous Cell Detachment and Reattachment in Cancer Cell Lines: An In Vitro Model of Metastasis and Malignancy. International journal of molecular sciences, 22(9).

Liu Y, et al. (2021) Transcriptomic and proteomic responses to brown plant hopper (Nilaparvata lugens) in cultivated and Bt-transgenic rice (Oryza sativa) and wild rice (O. rufipogon). Journal of proteomics, 232, 104051.

Yuxi Z, et al. (2021) GA3 is superior to GA4 in promoting bud endodormancy release in tree peony (Paeonia suffruticosa) and their potential working mechanism. BMC plant biology, 21(1), 323.

Wang S, et al. (2021) Dnmt3b Deficiency in Myf5+-Brown Fat Precursor Cells Promotes Obesity in Female Mice. Biomolecules, 11(8).