Resource Summary Report

Generated by NIF on Apr 28, 2025

BSRD

RRID:SCR_004249

Type: Tool

Proper Citation

BSRD (RRID:SCR_004249)

Resource Information

URL: http://kwanlab.bio.cuhk.edu.hk/BSRD/

Proper Citation: BSRD (RRID:SCR_004249)

Description: A repository for bacterial small regulatory RNA. They welcome you to submit

new experimental validated sRNA targets.

Abbreviations: BSRD

Synonyms: BSRD - Bacterial Small Regulatory RNA Database, Bacterial Small Regulatory

RNA Database

Resource Type: data repository, service resource, storage service resource, database, data

or information resource

Defining Citation: PMID:23203879

Keywords: srna target, srna, small regulatory non-coding rna, bio.tools

Funding:

Availability: Acknowledgement requested, The community can contribute to this resource

Resource Name: BSRD

Resource ID: SCR_004249

Alternate IDs: biotools:bsrd, OMICS 01533

Alternate URLs: https://bio.tools/bsrd

Record Creation Time: 20220129T080223+0000

Record Last Update: 20250428T053100+0000

Ratings and Alerts

No rating or validation information has been found for BSRD.

No alerts have been found for BSRD.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Lv F, et al. (2024) Integrated Hfq-interacting RNAome and transcriptomic analysis reveals complex regulatory networks of nitrogen fixation in root-associated Pseudomonas stutzeri A1501. mSphere, 9(6), e0076223.

Wong BC, et al. (2024) Adaptation of a fluoroquinolone-sensitive Shigella sonnei to norfloxacin exposure. Royal Society open science, 11(6), 232025.

Lee SM, et al. (2023) Experimental promoter identification of a foodborne pathogen Salmonella enterica subsp. enterica serovar Typhimurium with near single base-pair resolution. Frontiers in microbiology, 14, 1271121.

Grenier T, et al. (2023) Intestinal GCN2 controls Drosophila systemic growth in response to Lactiplantibacillus plantarum symbiotic cues encoded by r/tRNA operons. eLife, 12.

Tuan VP, et al. (2021) Genome-wide association study of gastric cancer- and duodenal ulcerderived Helicobacter pylori strains reveals discriminatory genetic variations and novel oncoprotein candidates. Microbial genomics, 7(11).

Chen Y, et al. (2021) Small RNA Profiling in Mycobacterium Provides Insights Into Stress Adaptability. Frontiers in microbiology, 12, 752537.

Sheinman M, et al. (2021) Identical sequences found in distant genomes reveal frequent horizontal transfer across the bacterial domain. eLife, 10.

Parise MTD, et al. (2021) An Integrated Database of Small RNAs and Their Interplay With Transcriptional Gene Regulatory Networks in Corynebacteria. Frontiers in microbiology, 12,

Joshi B, et al. (2020) Transcriptome Profiling of Staphylococcus aureus Associated Extracellular Vesicles Reveals Presence of Small RNA-Cargo. Frontiers in molecular biosciences, 7, 566207.

Furuhata Y, et al. (2019) Programmable RNA detection with a fluorescent RNA aptamer using optimized three-way junction formation. RNA (New York, N.Y.), 25(5), 590.

Montánchez I, et al. (2019) Analysis of Vibrio harveyi adaptation in sea water microcosms at elevated temperature provides insights into the putative mechanisms of its persistence and spread in the time of global warming. Scientific reports, 9(1), 289.

Plaza N, et al. (2019) Conservation of Small Regulatory RNAs in Vibrio parahaemolyticus: Possible role of RNA-OUT Encoded by the Pathogenicity Island (VPaI-7) of Pandemic Strains. International journal of molecular sciences, 20(11).

Olaya-Abril A, et al. (2019) Putative small RNAs controlling detoxification of industrial cyanide-containing wastewaters by Pseudomonas pseudoalcaligenes CECT5344. PloS one, 14(2), e0212032.

Plágaro AH, et al. (2019) Defining the transcription landscape of the Gram-negative marine bacterium Vibrio harveyi. Genomics, 111(6), 1547.

Du HH, et al. (2018) Global discovery of small RNAs in the fish pathogen Edwardsiella piscicida: key regulator of adversity and pathogenicity. Veterinary research, 49(1), 120.

Lima ARJ, et al. (2018) Insights Into Limnothrix sp. Metabolism Based on Comparative Genomics. Frontiers in microbiology, 9, 2811.

Tello M, et al. (2018) Codon usage and modular interactions between messenger RNA coding regions and small RNAs in Escherichia coli. BMC genomics, 19(1), 657.

Slager J, et al. (2018) Deep genome annotation of the opportunistic human pathogen Streptococcus pneumoniae D39. Nucleic acids research, 46(19), 9971.

Barh D, et al. (2018) Linking common non-coding RNAs of human lung cancer and M. tuberculosis. Bioinformation, 14(6), 337.

Sinel C, et al. (2017) Small RNAs in vancomycin-resistant Enterococcus faecium involved in daptomycin response and resistance. Scientific reports, 7(1), 11067.