Resource Summary Report

Generated by NIF on May 16, 2025

sRNAMap: Small Noncoding RNA MAP

RRID:SCR_005130
Type: Tool

Proper Citation

sRNAMap: Small Noncoding RNA MAP (RRID:SCR_005130)

Resource Information

URL: http://srnamap.mbc.nctu.edu.tw/

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Description: sRNAMap is a collection of sRNAs, regulators, and targets in microbial genomes. It provides valuable information on sRNAs, such as their secondary structure, expressed conditions, the expression profiles, the transcriptional start sites, and cross-links to other biological databases. Various textual and graphical interfaces were also designed and implemented to facilitate the data access in sRNAMap. Overall, this work presents an integrated database, namely sRNAMap, to collect the sRNA genes, the transcriptional regulators of sRNAs and the sRNA target genes by integrating a variety of biological databases and by surveying literature. It currently contains 397 sRNAs, 62 regulators/sRNAs and 60 sRNAs/targets in seventy microbial genomes.

Synonyms: sRNAMap

Resource Type: data or information resource, database

Keywords: srna, srna expressed conditions, srna expression profiles, srna gene, srna regulator, srna secondary structure, srna target, srna transcription

Funding:

Resource Name: sRNAMap: Small Noncoding RNA MAP

Resource ID: SCR_005130

Alternate IDs: nif-0000-03492

Record Creation Time: 20220129T080228+0000

Record Last Update: 20250507T060303+0000

Ratings and Alerts

No rating or validation information has been found for sRNAMap: Small Noncoding RNA MAP.

No alerts have been found for sRNAMap: Small Noncoding RNA MAP.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Tan MF, et al. (2024) Pathogenicity and identification of host adaptation genes of the avian pathogenic Escherichia coli O145 in duck. Frontiers in cellular and infection microbiology, 14, 1453907.

Du J, et al. (2020) Bioinformatics analysis of small RNAs in Helicobacter pylori and the role of NAT?67 under tinidazole treatment. Molecular medicine reports, 22(2), 1227.

Hiramatsu Y, et al. (2020) Expression of small RNAs of Bordetella pertussis colonizing murine tracheas. Microbiology and immunology, 64(6), 469.

Sridhar J, et al. (2010) sRNAscanner: a computational tool for intergenic small RNA detection in bacterial genomes. PloS one, 5(8), e11970.