## **Resource Summary Report**

Generated by NIF on May 17, 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: database, data or information resource

**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:** 20250517T055701+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.