

Resource Summary Report

Generated by SPARC SAWG on Aug 6, 2026

SRPDB

RRID:SCR_005142

Type: Tool

Proper Citation

SRPDB (RRID:SCR_005142)

Resource Information

URL: <http://rnp.uthscsa.edu/rnp/SRPDB/SRPDB.html>

Proper Citation: SRPDB (RRID:SCR_005142)

Description: It provides aligned, annotated and phylogenetically ordered sequences related to structure and function of SRP. SRPDB assists the study of structure and function of signal recognition particles (SRP), and provides annotated SRP, RNA, and SRP protein sequences phylogenetically ordered and aligned. Included are representative RNA secondary structure diagrams where each base pair is proven by comparative sequence analysis, information about other proteins that play a role in SRP-mediated protein translocation, as well as structural information about components of SRP. Where possible, links to primary sources were established.

Abbreviations: SRPDB

Synonyms: Signal Recognition Particle Database

Resource Type: data or information resource, database

Keywords: phylogentic sequence, ribonucleoprotein, rna secondary structure, rna sequence, signal recognition particle, srp, srp protein sequence

Resource Name: SRPDB

Resource ID: SCR_005142

Alternate IDs: nif-0000-03493

Old URLs: <http://rnp.uthct.edu/rnp/SRPDB/SRPDB.html>

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260806T054410+0000

Ratings and Alerts

No rating or validation information has been found for SRPDB.

No alerts have been found for SRPDB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

, et al. (2015) RNAcentral: an international database of ncRNA sequences. Nucleic acids research, 43(Database issue), D123.

Bousset L, et al. (2014) Crystal structure of a signal recognition particle Alu domain in the elongation arrest conformation. RNA (New York, N.Y.), 20(12), 1955.

Zwieb C, et al. (2010) Archaea signal recognition particle shows the way. Archaea (Vancouver, B.C.), 2010, 485051.