Resource Summary Report

Generated by NIF on Apr 21, 2025

Aminoacyl-tRNA synthetase database

RRID:SCR_013498
Type: Tool

Proper Citation

Aminoacyl-tRNA synthetase database (RRID:SCR_013498)

Resource Information

URL: http://rose.man.poznan.pl/aars/index.html

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Description: The AARSs database is the collection of amino acid sequences of all published AARSs. Currently it contains 1047 primary structures of cytoplasmic and organellar AARSs from various organisms. The entries are grouped according to AARS amino acid specificity. They are based on EMBL/SWISS-PROT format. Each includes the AARS amino acid sequence, its SWISS-PROT name and the accession number, a short description of the sequence, its source (organism name with taxonomic classification) and bibliographic information. For the enzymes whose sequences were determined at the nucleotide level, the appropriate EMBL/GenBank or TIGR entries are included, and for those with already known 3D structure, the cross-references to the Brookhaven Protein Data Base are indicated. The partial sequences of AARSs are also included in the database. According to the original SWISS-PROT description, some of the entries have been marked as putative or probable.

Synonyms: AARS DB

Resource Type: database, data or information resource

Defining Citation: PMID:11125115

Keywords: aars, aars specificity, aminoacyl-trna synthetase, aminoacyl-trna synthetase specificity

Funding:

Resource Name: Aminoacyl-tRNA synthetase database

Resource ID: SCR_013498

Alternate IDs: nif-0000-02546

Record Creation Time: 20220129T080316+0000

Record Last Update: 20250420T015641+0000

Ratings and Alerts

No rating or validation information has been found for Aminoacyl-tRNA synthetase database.

No alerts have been found for Aminoacyl-tRNA synthetase database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.