Resource Summary Report

Generated by NIF on May 19, 2025

Yeast snoRNA Database

RRID:SCR_007980
Type: Tool

Proper Citation

Yeast snoRNA Database (RRID:SCR_007980)

Resource Information

URL: http://people.biochem.umass.edu/sfournier/fournierlab/snornadb/

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Description: A database of S. cerevisiae H/ACA and C/D box snoRNAs, useful for research on rRNA nucleotide modifications in the ribosome, especially those created by small nucleolar RNA:protein complexes (snoRNPs). The interactive service enables a user to visualize the positions of pseudouridines, 2'-O-methylations, and base methylations in three-dimensional space in the ribosome and also in linear and secondary structure formats of ribosomal RNA. The tools provide additional perspective on where the modifications occur relative to functional regions within the rRNA and relative to other nearby modifications. This package of tools is presented as a major enhancement of an existing but significantly upgraded yeast snoRNA database. The other key features of the enhanced database include details of the base pairing of snoRNAs with target RNAs, genomic organization of the yeast snoRNA genes, and information on corresponding snoRNAs and modifications in other model organisms.

Synonyms: Yeast snoRNA Database at UMass-Amherst

Resource Type: service resource, production service resource, data analysis service, database, analysis service resource, data or information resource

Defining Citation: PMID:17283215

Keywords: saccharomyces cerevisiae

Funding: U.S. Public Health Service ;
NIGMS GM19351

Resource Name: Yeast snoRNA Database

Resource ID: SCR_007980

Alternate IDs: nif-0000-03651

Old URLs: http://www.bio.umass.edu/biochem/rna-sequence/Yeast_snoRNA_Database/snoRNA_DataBase.html

Record Creation Time: 20220129T080244+0000

Record Last Update: 20250517T055844+0000

Ratings and Alerts

No rating or validation information has been found for Yeast snoRNA Database.

No alerts have been found for Yeast snoRNA 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.

Decatur WA, et al. (2007) Identifying effects of snoRNA-guided modifications on the synthesis and function of the yeast ribosome. Methods in enzymology, 425, 283.