

16S rRNA 遺伝子塩基配列データベース

Ribosomal Database Project (Michigan State Univ.)

The screenshot shows the RDP website homepage. At the top, there is a navigation bar with links for RDP HOME, ABOUT, ANNOUNCEMENTS, CITATION, and CONTACTS. Below this is the main header with the RDP logo and the text "RIBOSOMAL DATABASE PROJECT". A secondary navigation bar lists various tools: BROWSERS, CLASSIFIER, LIBCOMPARE, SEQMATCH, PROBE MATCH, TREE BUILDER, PYRO, TAXOMATIC, SEQCART, and ASSIGNGEN.

The main content area features a "RDP Release 10, Update 26" announcement dated Mar 28, 2011, with 1,613,063 16S rRNAs. A brief description states that the RDP provides ribosome-related data and services to the scientific community. A "Cite RDP's NAR article" button is visible.

Below the announcement, it notes that RDP Release 10 brings two major changes to the RDP:

- RDP10 provides new Bacterial and Archaeal alignments with several significant enhancements over the previous RDP 9 alignments.
- Use of the *Infernal* secondary-structure based aligner that provides better support for short partial sequences and handles certain sequencing artifacts in a more intuitive manner.

An "Explore our online analysis tools:" section contains a vertical menu of tool categories: myRDP, BROWSERS, CLASSIFIER, LIB COMPARE, SEQ MATCH, PROBE MATCH, TREE BUILDER, PYROSEQUENCING PIPELINE, ASSIGNMENT GENERATOR, TAXOMATIC, RDP_MIMARKS GoogleSheet, and RDP FunGene. To the right of this menu, instructions state: "HOVER over any tool item in the menu to see a brief popup description of its features;" and "CLICK on the tool menu item to begin working with it." A video icon and text encourage users to view video tutorials and visit each tool's help file.

A "Sponsors:" section lists the National Science Foundation, Office of Biological and Environmental Research, and National Institutes of Health, each with its respective logo.

On the right side of the page, there is a "myRDP login" button and an "RDP News" section. The news items include: 05/18/2011 RDP Staff attending ASM New Orleans, May 22-25; 05/04/2011 RDP aids its users in making SRA submissions; 05/04/2011 RDP's MIMARKS (former MIENS) GoogleSheets Ready!; 04/07/2011 Latest MIMARKS (formerly MIENS) standards released; 04/04/2011 RDP MIMARKS GoogleSheet; and 03/28/2011 RDP 10, update 26 released.

<http://rdp.cme.msu.edu/>

250万を超える16S rRNA 遺伝子の塩基配列が登録されている。