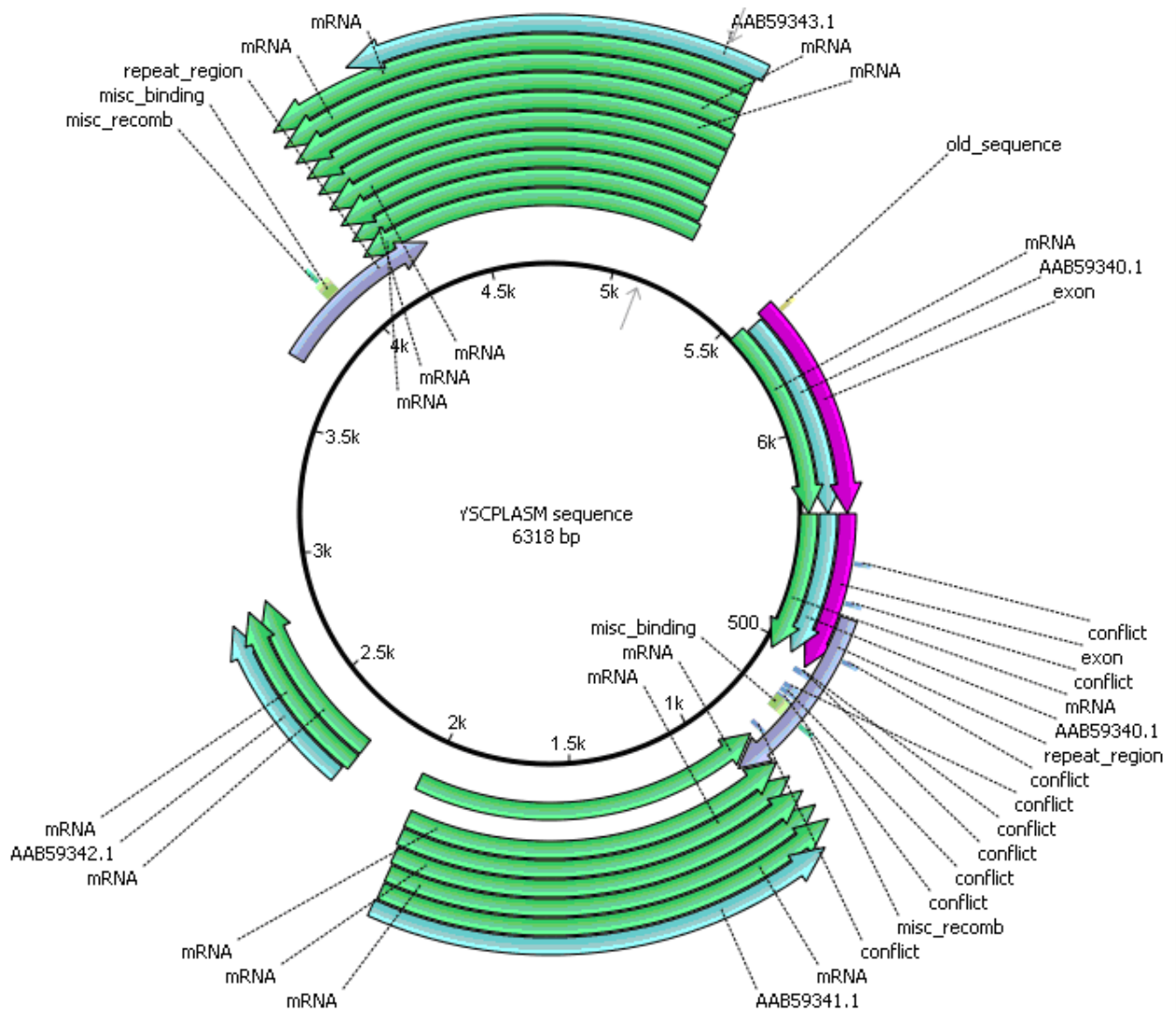


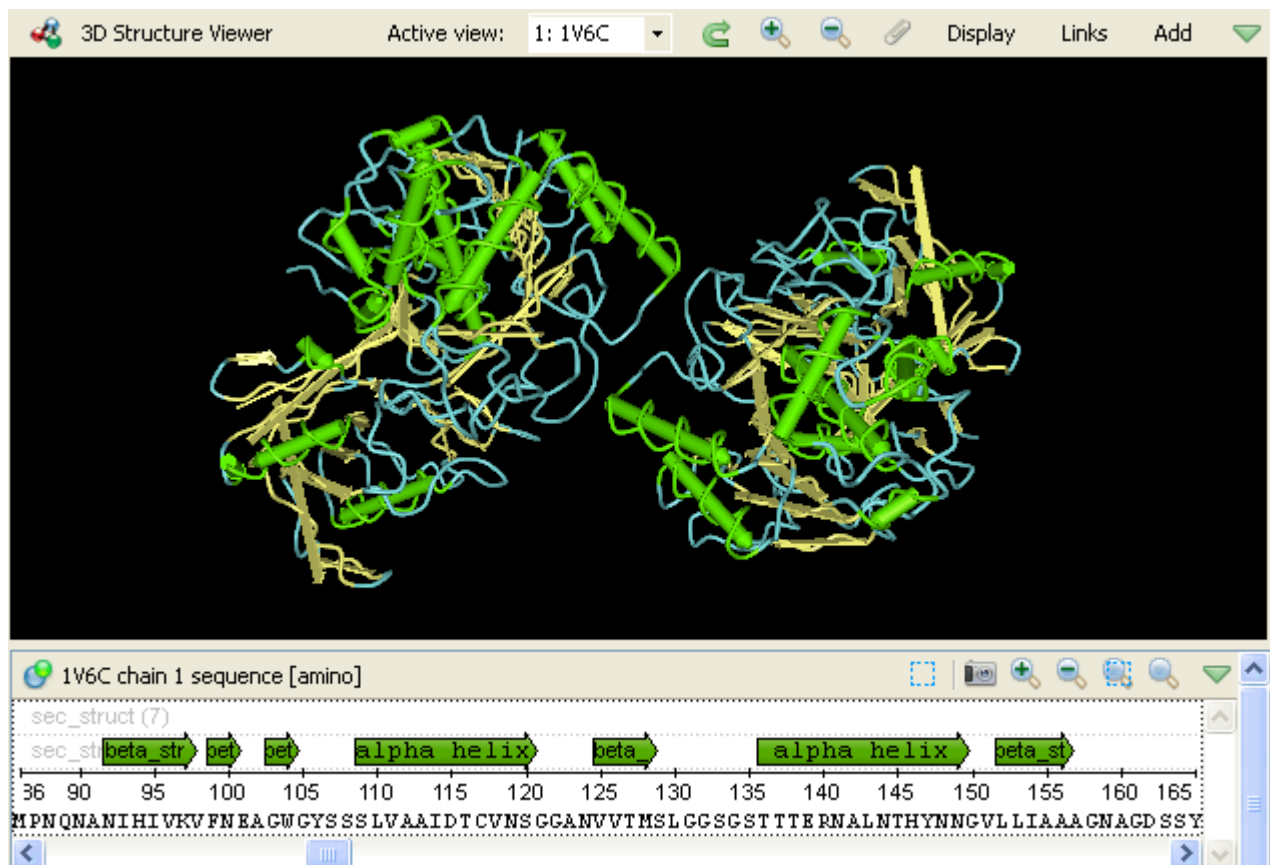
Sequence View Extensions

The functionality of the *Sequence View* can be significantly increased with *Sequence View Extensions*. Below is the demonstration its functionality.

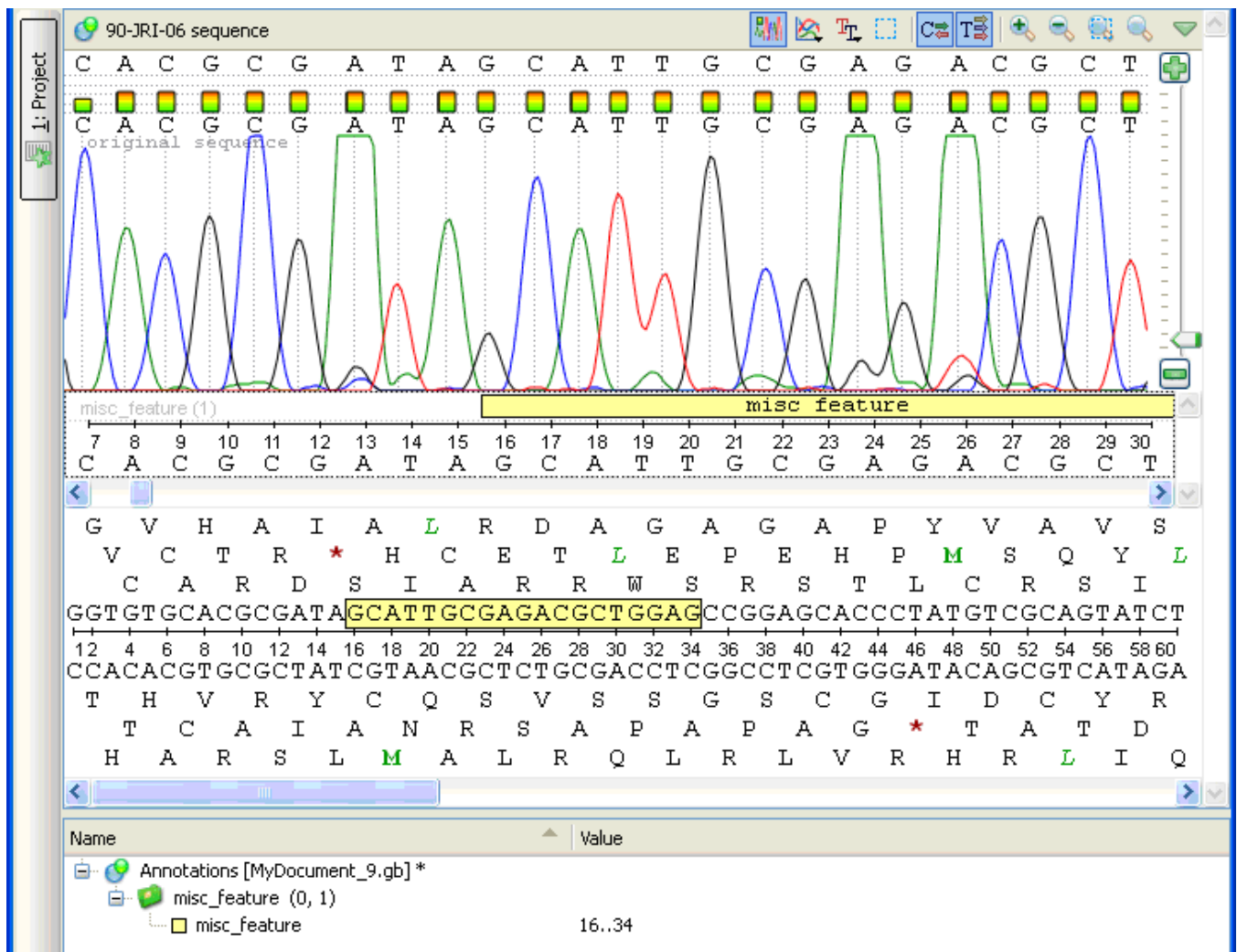
The *Circular Viewer* shows the circular view of a sequence:



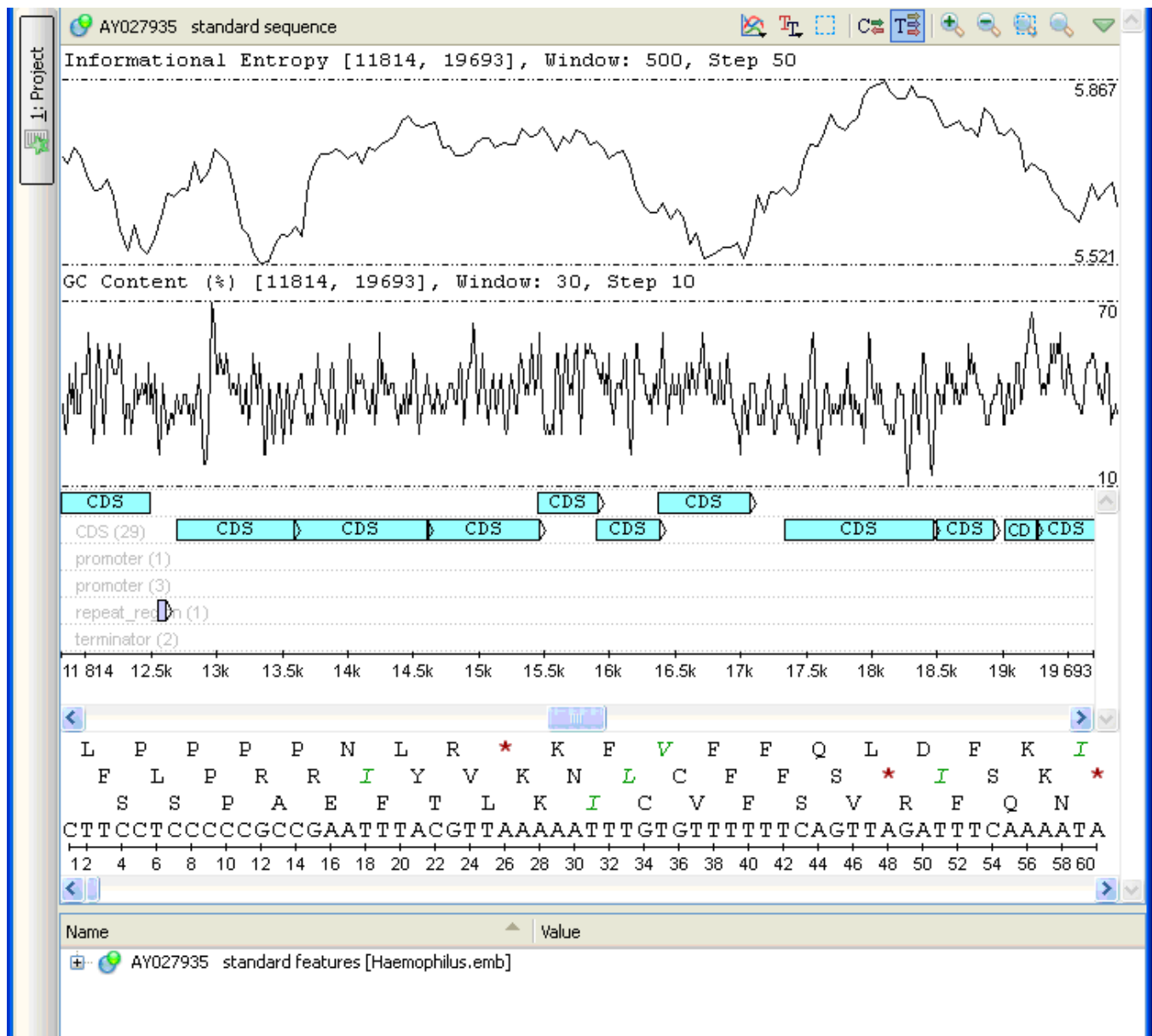
The *3D Structure Viewer* adds 3D visualization for PDB and MMDB files:



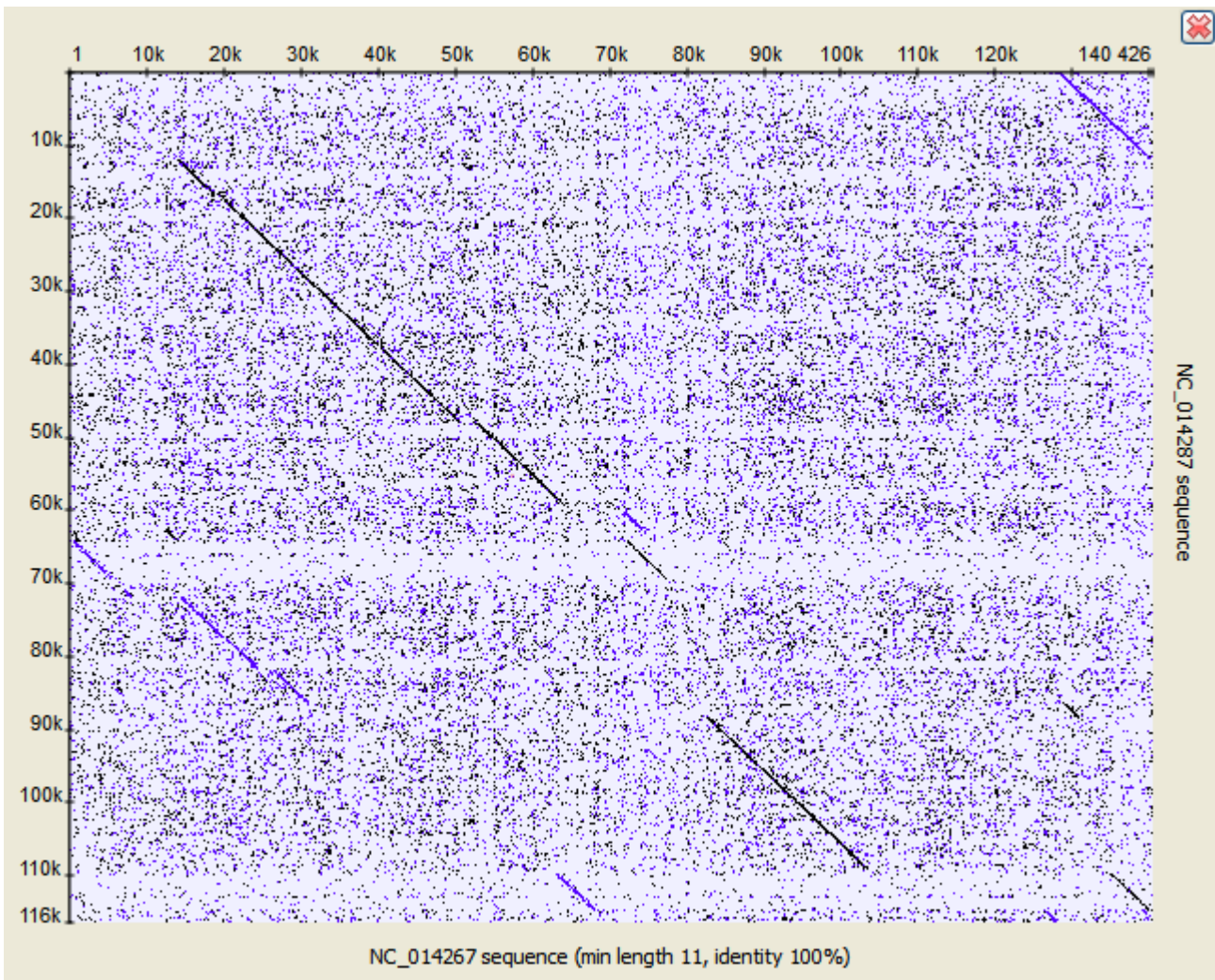
The [Chromatogram Viewer](#) adds support for chromatograms visualization and editing:



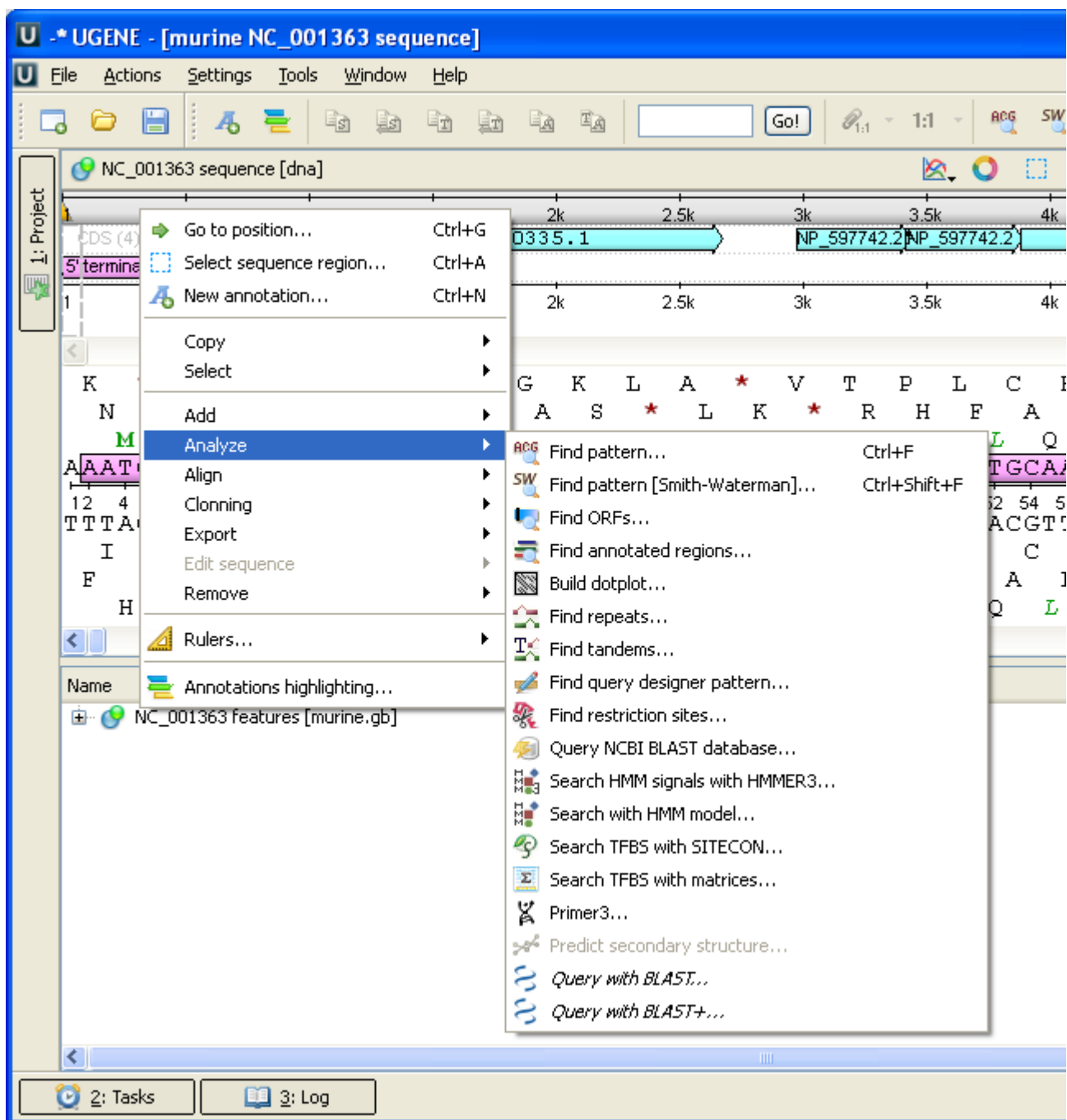
The *DNA Graphs Package* shows various graphs for sequences:



The *Dotplot* provides a tool to build dotplots for DNA or RNA sequences.



A number of other instruments add graphical interface for popular sequence analysis methods:



For details see the next sections of the documentation:

- Circular Viewer
 - Circular View Settings
- 3D Structure Viewer
 - Opening 3D Structure Viewer
 - Changing 3D Structure Appearance
 - Selecting Render Style
 - Selecting Coloring Scheme
 - Calculating Molecular Surface
 - Selecting Background Color
 - Selecting Detail Level
 - Enabling Anaglyph View
 - Moving, Zooming and Spinning 3D Structure
 - Selecting Sequence Region
 - Selecting Models to Display
 - Structural Alignment
 - Exporting 3D Structure Image
 - Working with Several 3D Structures Views
- Chromatogram Viewer
 - Exporting Chromatogram Data
 - Viewing Two Chromatograms Simultaneously
- DNA/RNA Graphs Package
 - Description of Graphs
 - Graph Settings
 - Saving Graph Cutoffs as Annotations
- Dotplot
 - Creating Dotplot
 - Navigating in Dotplot
 - Zooming to Selected Region
 - Selecting Repeat
 - Interpreting Dotplot: Identifying Matches, Mutations, Inversions, etc.
 - Editing Parameters
 - Filtering Results
 - Saving Dotplot as Image
 - Saving and Loading Dotplot
 - Building Dotplot for Currently Opened Sequence
 - Comparing Several Dotplots