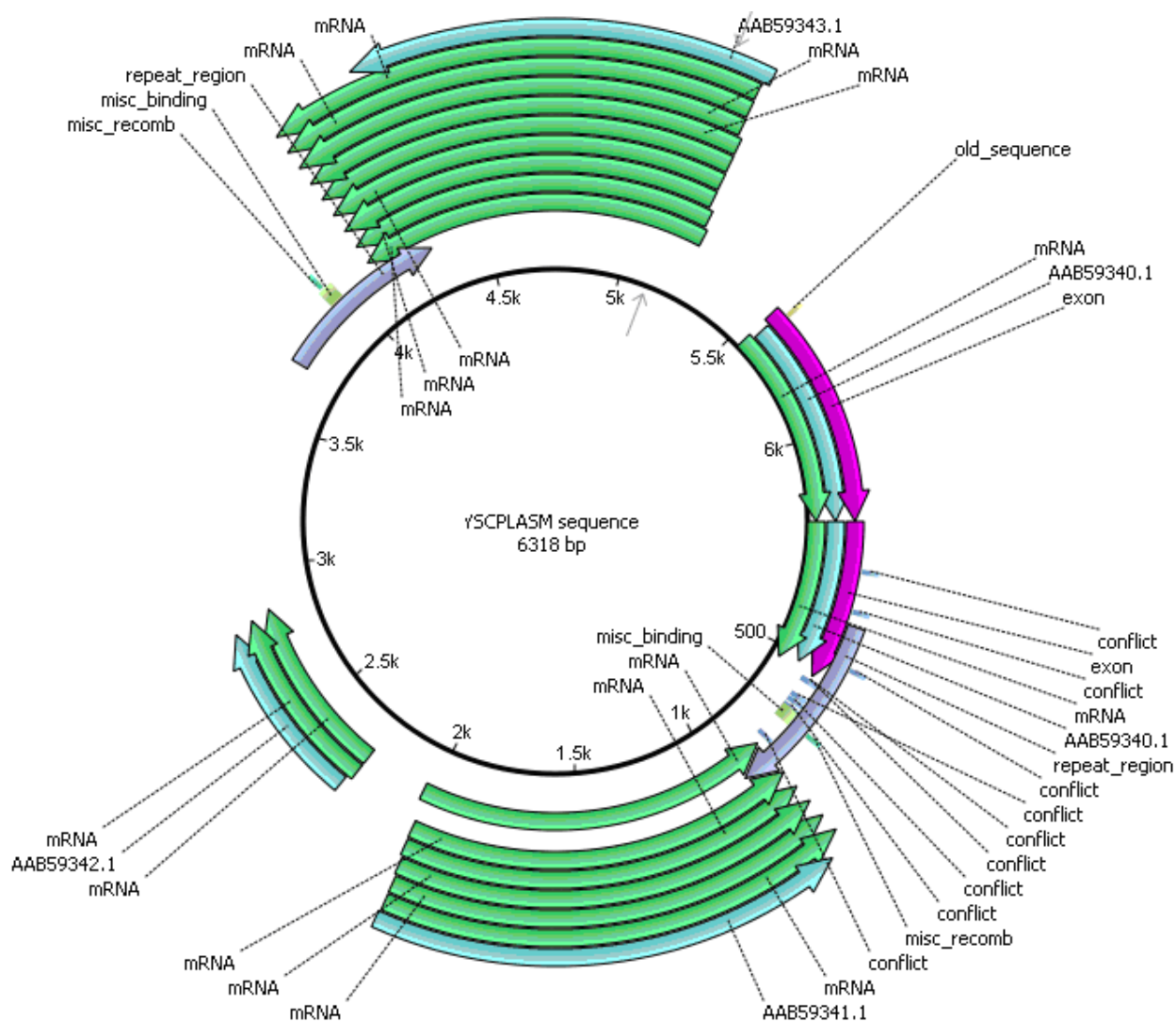


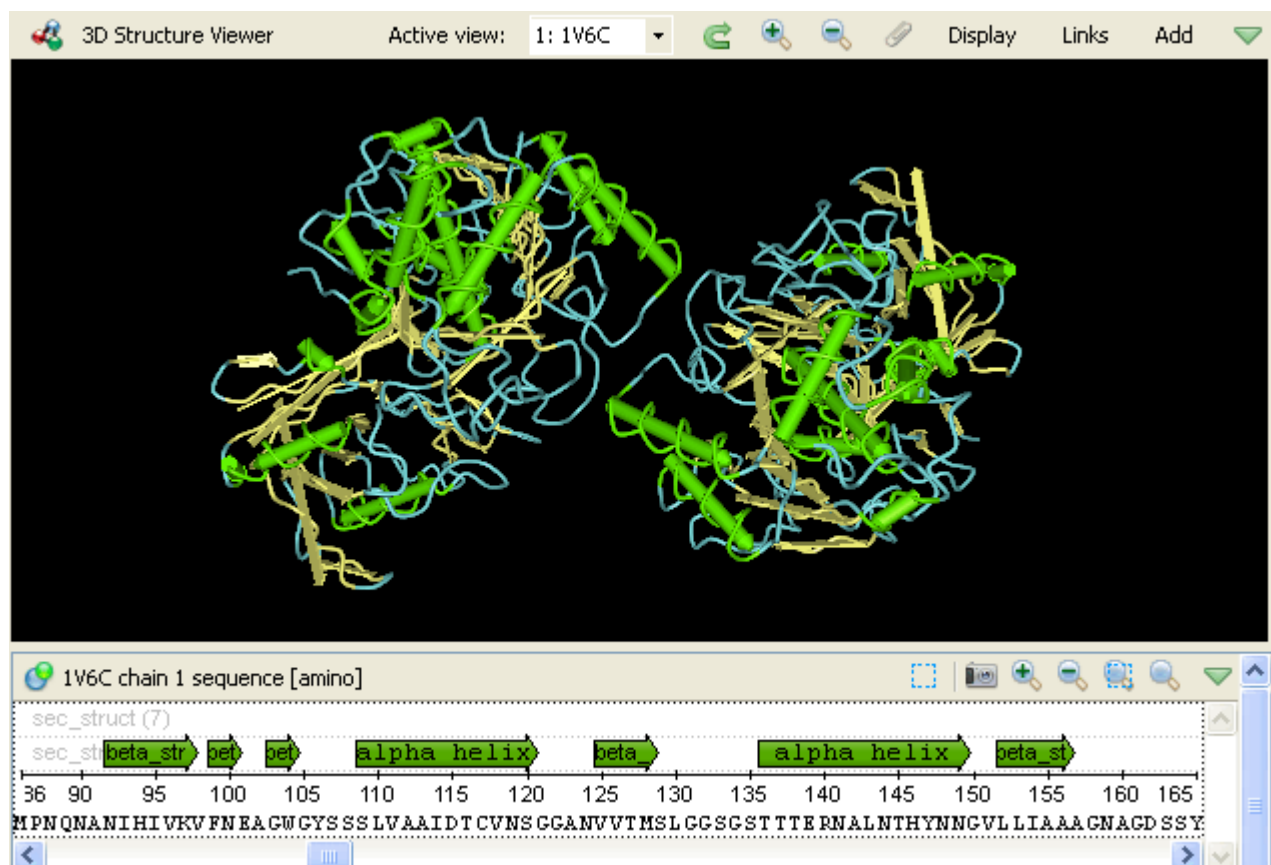
Sequence View Extensions

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

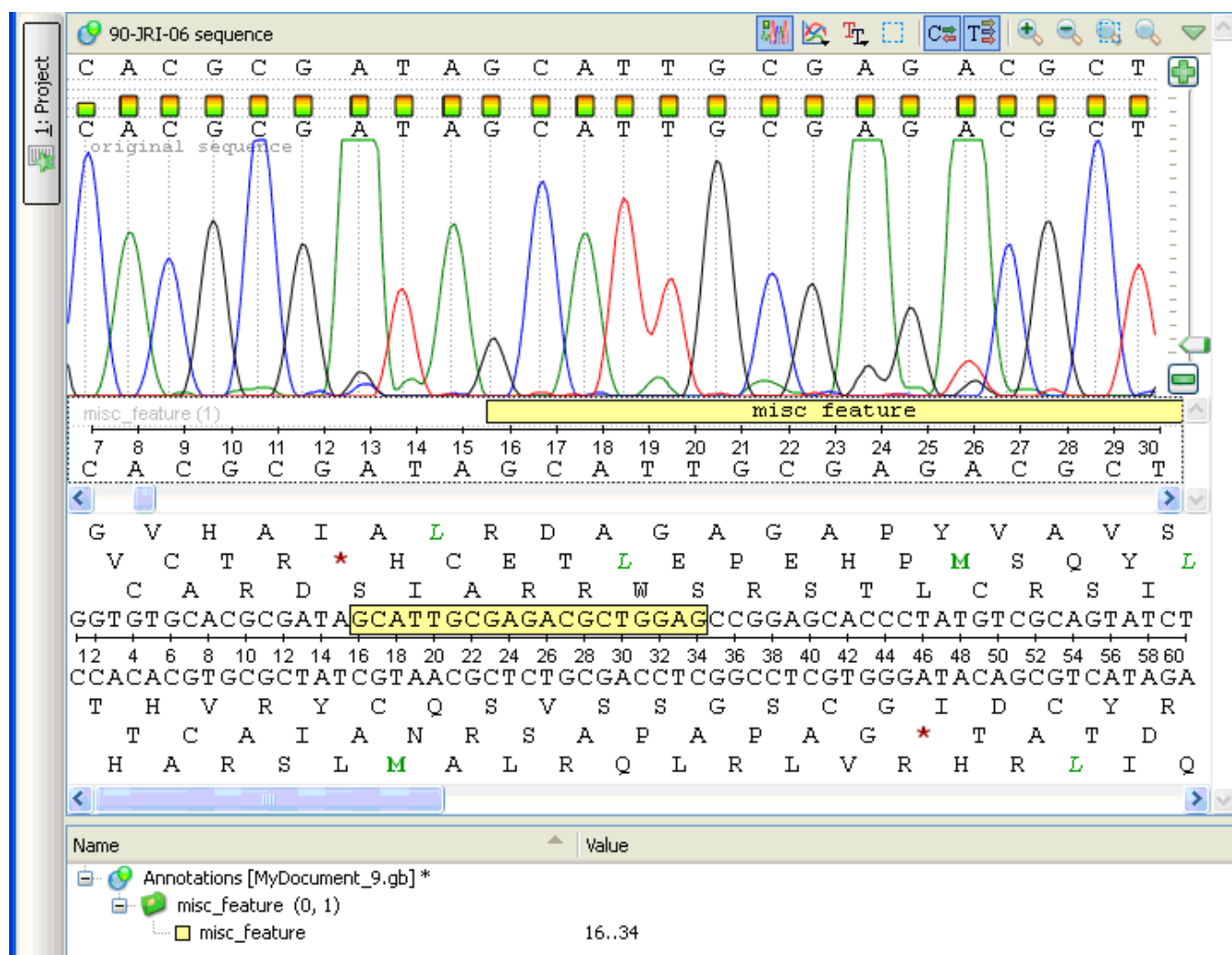
The [Circular Viewer](#) shows the circular view of a sequence:



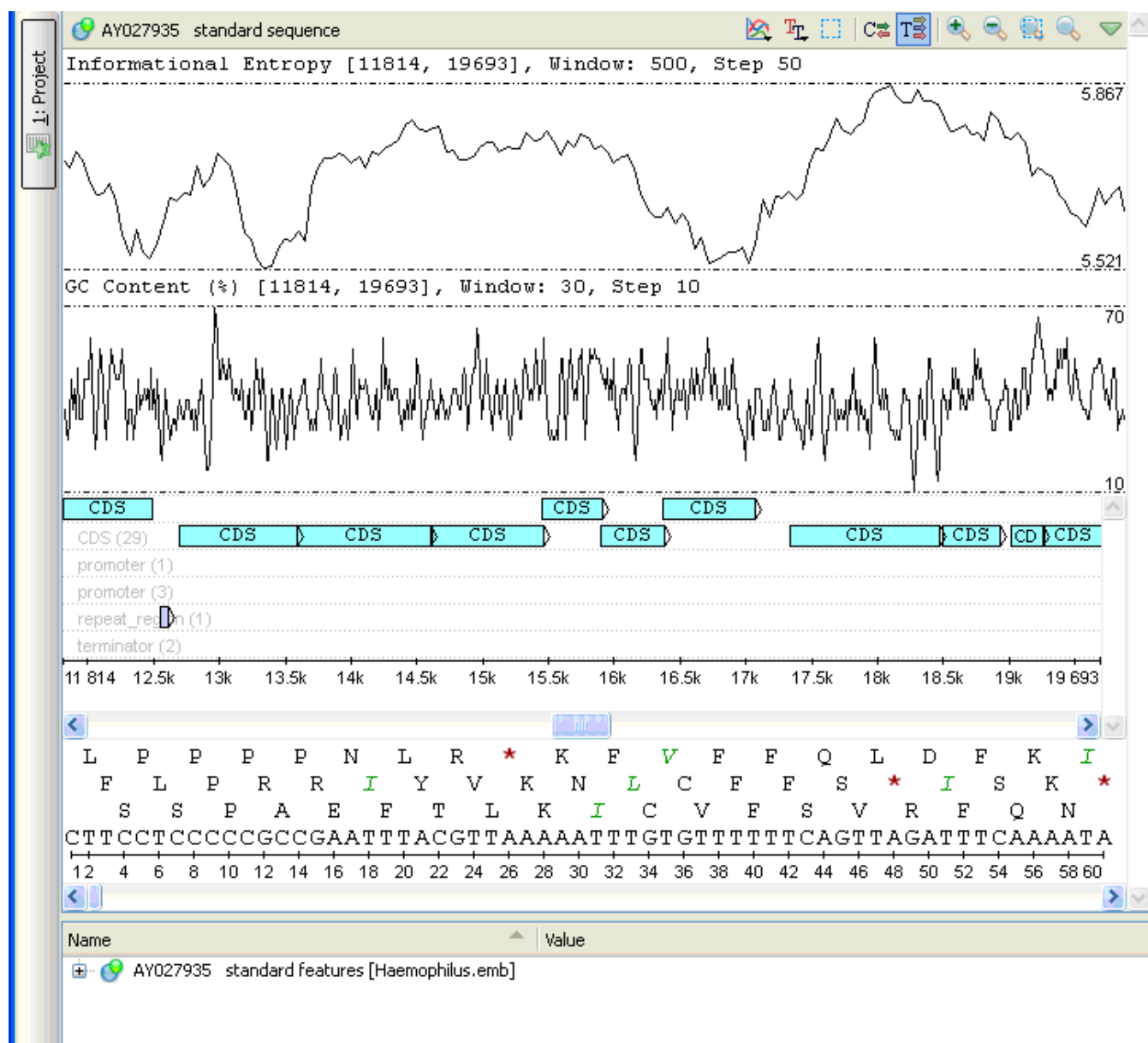
The [3D Structure Viewer](#) adds 3D visualization for PDB and MMDB files:



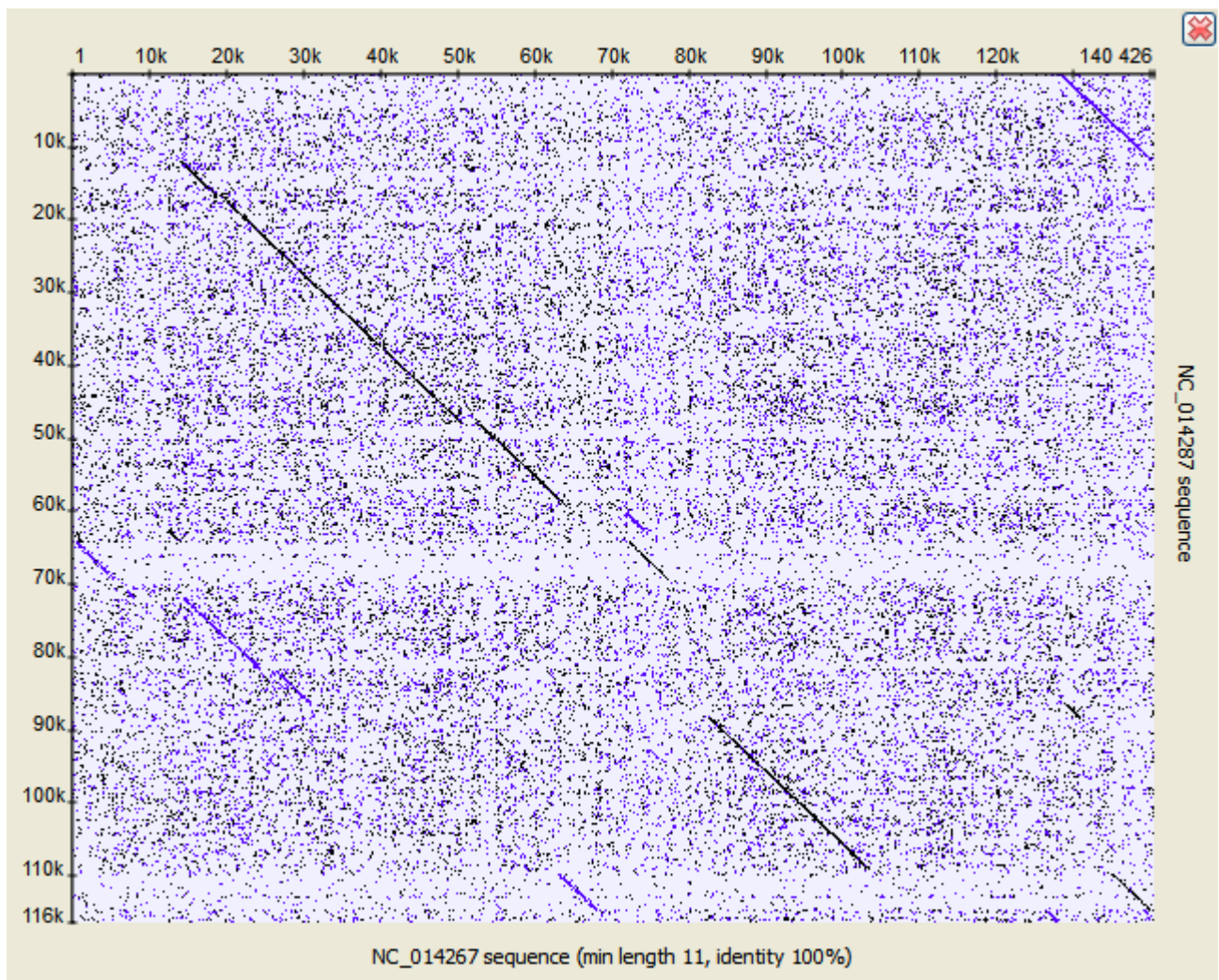
The [Chromatogram Viewer](#) adds support for chromatograms visualization and editing:



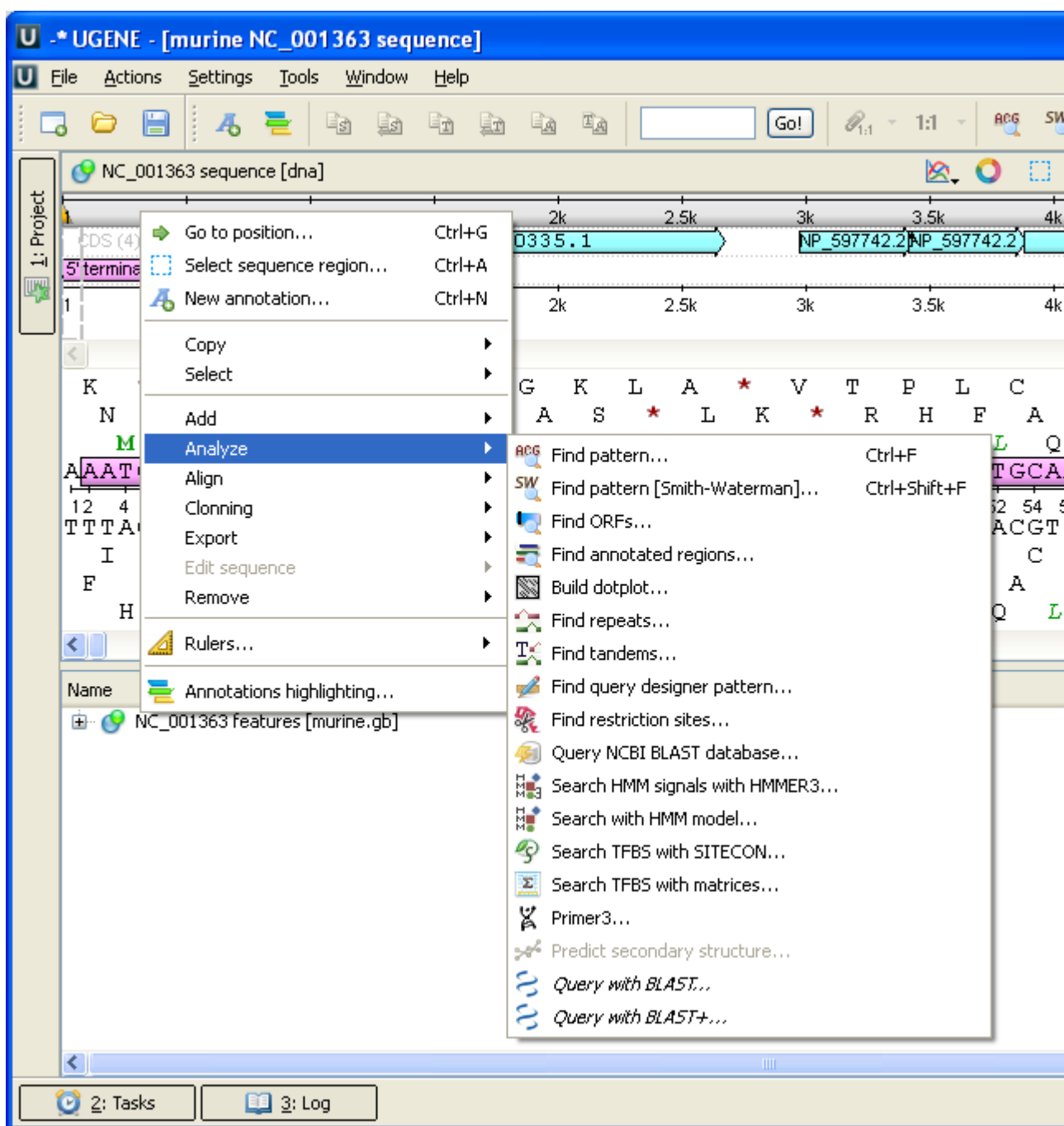
The [DNA Graphs Package](#) shows various graphs for sequences:



The [Dotplot](#) provides a tool to build dotplots for DNA or RNA sequences.



A number of other instruments add the 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](#)
 - [Highlight Region on 3D Structure](#)
 - [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
- 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