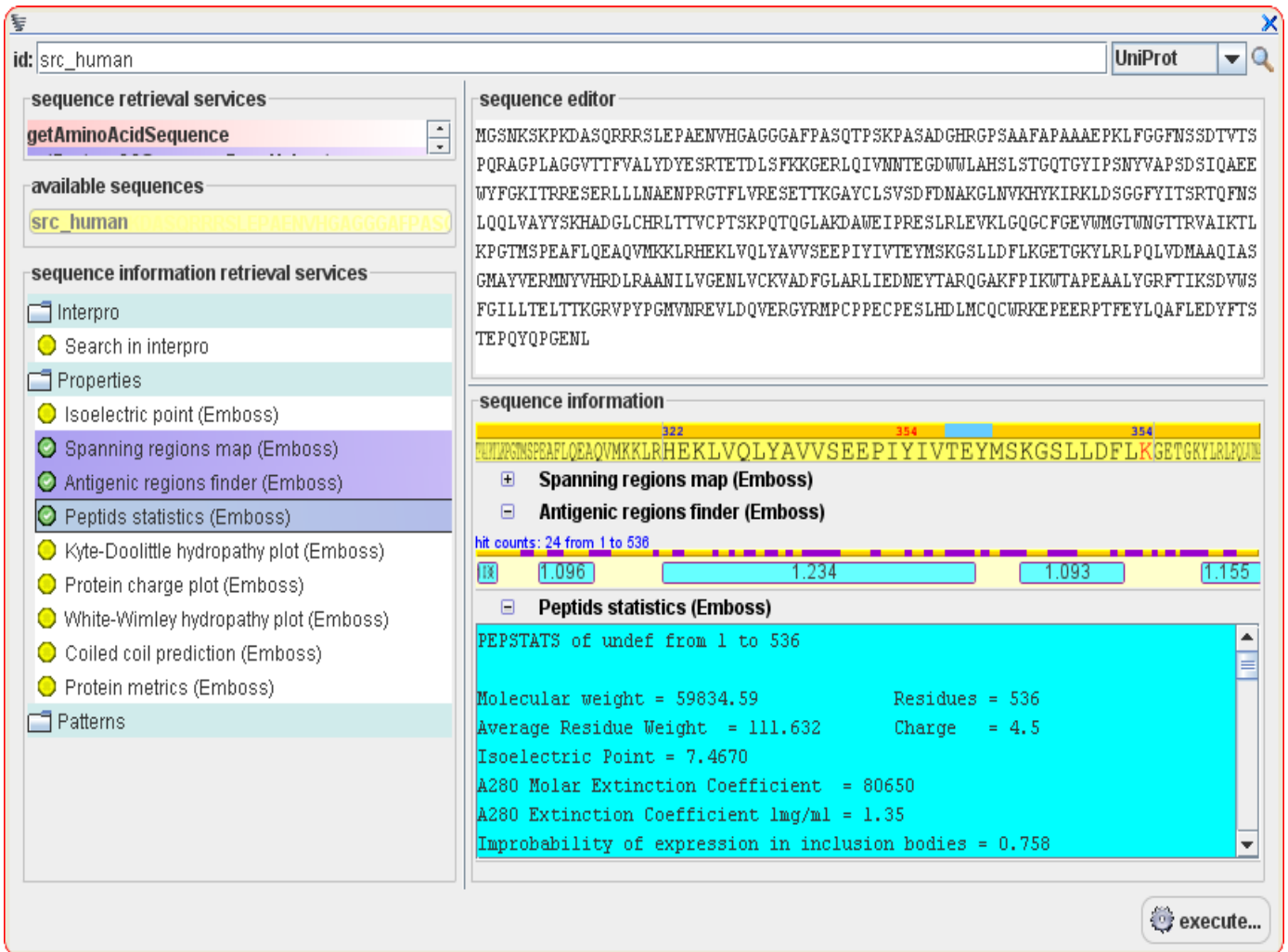


Pitch Eye is a java application to visualize aminoacid or nucleotide sequence along with available information. Such an information is obtained through BioMobe services.

Here is how the application looks like:



Logically, it can be divided into several areas:

- Sequence retrieval area – where you are able to search the sequence using BioMoby services. The application can be shrunk to show only this part:
- The sequence editor part is a core part of the graphical interface. It contains the sequence you are interested in. The sequence can be dragged from outside of the application (can be a plain text or an xml that represents BioMoby sequence), from the available sequences (those found by search) or just edited by hand.
- Once there is a valid nucleotide or aminoacid sequence in the editor, a tree with appropriate services appears (retrieval services). Here one can execute the service by double click or using execute button. There can be many services executed in parallel
- When the result is obtained from a service it is aligned with a sequence in a sequence information window. It is possible to navigate through the sequence using both the sequence editor and sequence control. Some controls that are in essence sequence dependent (like annotations) are aligned with original sequence. In many case the other way works also (selected an interested annotation align the sequence).

