

Search for Conserved Sequences

User Manual

Section III.3: Search for Conserved Sequences (p122 - p128)

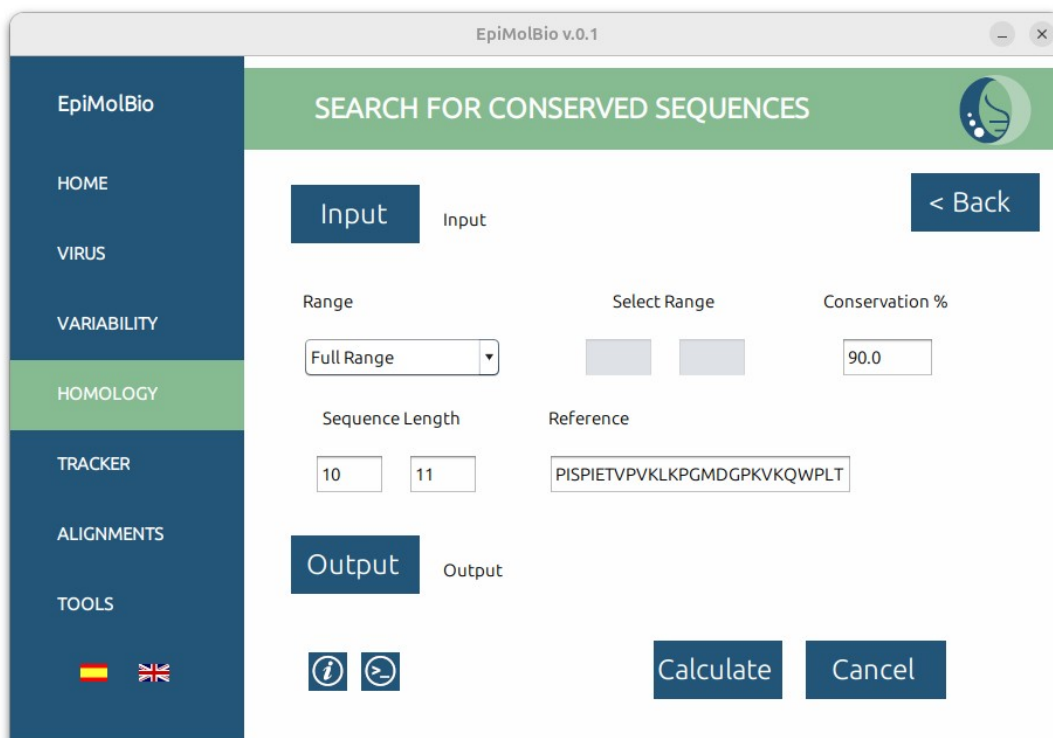
See the full manual [here](#).

Example File

File Name: SEARCH FOR CONSERVED SEQUENCES RT HIV-1.html

Parameter Selection

- **Range:**
 - *Full Range*
- **Conservation %:**
 - 90.0
- **Sequence Length:**
 - 10 – 11
- **Reference:**
 - *PISPIETVPVKLPGMDGPKVKQWPLTEEKIKALVEICTEMEKEGKISKIGPENPYNTPVFAIKKK
DSTKWRKLVDFRELNKRTQDFWEVQLGIPHPAGLKKKSVTVLDVGDAYFSVPLDEDFRKYTAF
TIPSINNETPGIRYQYNVLPQGWKGSPAIFQSSMTKILEPFRKQNPDIVIYQYMDDLIVGSDLEIG
QHRTKIEELRQHLLRWGLTTPDKKHQKEPPFLWMGYELHPDKWTVQPIVLPEKDSWTVNDIQ
KLVGKLNWASQIYPGIKVRQLCKLLRGTKALTEVIPLTEEALELAENREILKEPVHGVYYDPSKDLI
AEIQKQGQGQWTYQIYQEPFKNLKTGKYARMRGAHTNDVKQLTEAVQKITTESIVIWGKTPKF
KLPIQKETWETWWTEYWQATWIPEWEFVNTPLVLKWLWYQLEKEPIVGAETF*



The screenshot shows the EpiMolBio v.0.1 web application interface. The left sidebar contains navigation links: HOME, VIRUS, VARIABILITY, **HOMOLOGY** (highlighted), TRACKER, ALIGNMENTS, and TOOLS. At the bottom of the sidebar are flags for Spain and the United Kingdom. The main content area is titled "SEARCH FOR CONSERVED SEQUENCES" and features a green header bar with a logo. Below the header, there are input and output sections. The "Input" section includes a "Range" dropdown set to "Full Range", a "Select Range" section with two empty boxes, a "Conservation %" input field set to "90.0", a "Sequence Length" section with input fields for "10" and "11", and a "Reference" text box containing the sequence: "PISPIETVPVKLPGMDGPKVKQWPLT". The "Output" section is currently empty. At the bottom right, there are "Calculate" and "Cancel" buttons. A "< Back" button is located in the top right corner of the input section.