

## Section V.2: Dot Plot (p146 - p149)

See the full manual [here](#).

## Example File

File Name: Dot Plot.html

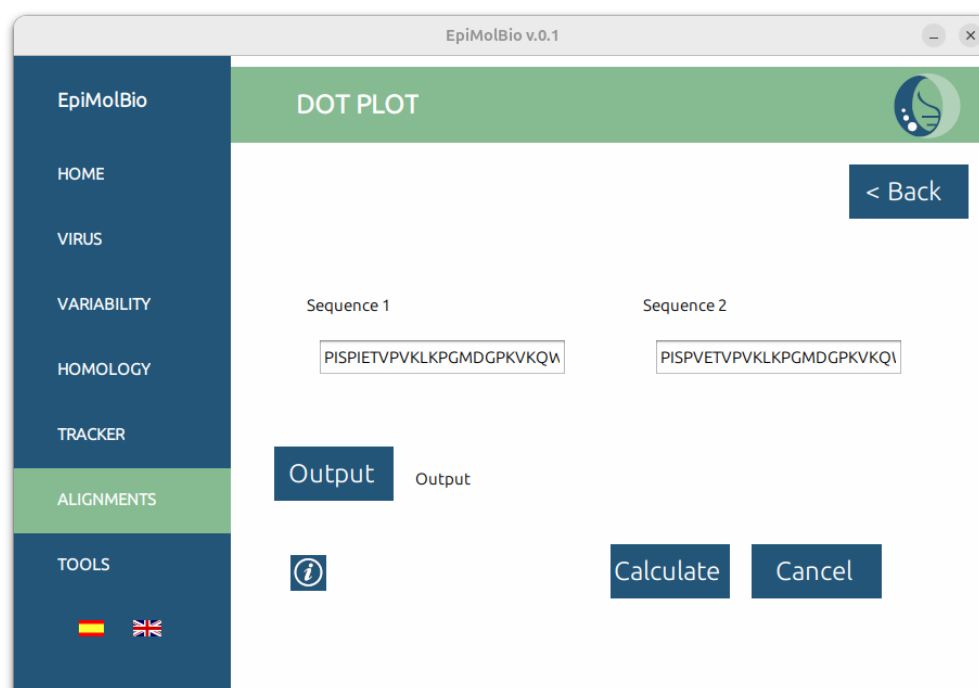
## Parameter Selection

- Sequence 1:

- PISPIETVPVKLPGMDGPKVKQWPLTEEKIKALVEICTEMEKEGKISKIGPENPYNTPVFAIKKK  
DSTKWRKLVDFRELNKRTQDFWEVQLGIPHPAGLKKKSVTVLDVGDAYFSVPLDEDFRKYTAF  
TIPSINNETPGIRYQYNVLPQGWKGSPAIFQSSMTKILEPFRKQNPDIVIYQYMDDLTVGSDLEIG  
QHRTKIEELRQHLLRWGLTTPDKKHQKEPPFLWMGYELHPDKWTVQPIVLPEKDSWTVNDIQ  
KLVGKLNWASQIYPGIKVRQLCKLLRGTKALTEVIPLTEEALELAENREILKEPVHGVYYDPSKDLI  
AEIQKQGQGQWTYQIYQEPFKNLKTGKYARMRGAHTNDVKQLTEAVQKITTESIVIWGKTPKF  
KLPIQKETWETWWTEYWQATWIPEWEFVNTPLVKLWYQLEKEPIVGAETF*

- Sequence 2:

- PISPVETVPVKLPGMDGPKVKQWPLTEEKIKALTEICTEMEKEGKISKIGPENPYNTPVFAIKKK  
DSTKWRKLVDFRELNKRTQDFWEVQLGIPHPAGLKKKRSVTVLDVGDAYFSVPLDEEFRKYTAF  
TIPSTNNETPGIRYQYNVLPQGWKGSPAIFKKILEPFRKQIQT.SYINTWMTCM.DLT.R.SSIEQK.R  
N.ENICYDLPHQTKNIRKNLHFFGWVMNYILINGQCSL.ICQKKTAGLSMTYRS.WEN.TGQVKFI  
QGLR.SNYVNSLEEPKH.QK.YH.QKKQS.NWKKIERF.KNQYMECIMTHQKT..QNYRSRGTTANG  
HIKFIKSHLKI.KQESMQE.RVPTLMM.NN.PRQYKK.PQKA..YGEKHLNLNYQCKRKHGHRHGGQ  
SIGKPPGFLNGSLSIPLP..NYGTN.KKNP..EQKL*



The screenshot shows the EpiMolBio v.0.1 web application interface. The left sidebar contains navigation links: HOME, VIRUS, VARIABILITY, HOMOLOGY, TRACKER, ALIGNMENTS (highlighted), and TOOLS. At the bottom of the sidebar are flags for Spain and the United Kingdom. The main content area is titled "DOT PLOT" and features a "< Back" button. Below this, there are two input fields for "Sequence 1" and "Sequence 2", both containing the same protein sequence: PISPIETVPVKLPGMDGPKVKQW. Below the input fields is an "Output" label and a blue "Output" button. At the bottom right are "Calculate" and "Cancel" buttons. An information icon (i) is located at the bottom left of the main area.