

LAUREANO TOMÁS DAZA BIOINFORMATICS – MSC OMIC DATA ANALYSIS

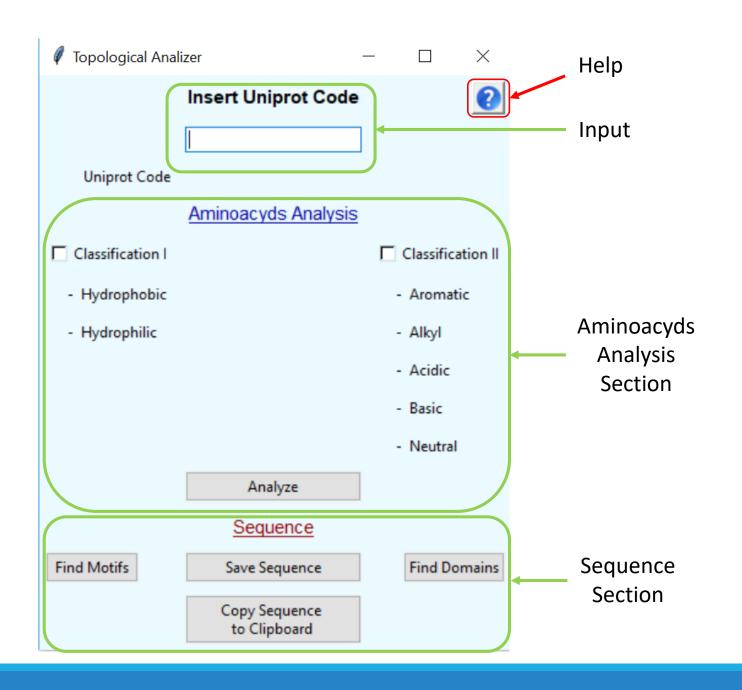


## Why Topo Analyzer?

Need of retrieve topological information from Uniprot in an easy way

Analyse this information easily and graphically according to the chemical nature of the aminoacyds

User **friendly interface** to those researchers who don't know how to use bioinformatic tools to analyse proteins



## Interface Structure





Help

Input

Aminoacyds Analysis Section

Sequence Section

# Interface Structure





## Zopo Zopo Analyzer

#### **Modules:**

- tkinter
- matplotlib
- PIL
- Bio
- pandas

#### **New Class:**

- CreateToolTip

### **New Functions(12):**

- nocode\_det
- open\_window\_analysis
- figure\_window
- topology\_analysis
- save\_analysis
- sequence\_file

• • •



```
By: Laureano Tomás Daza
Email: lauretomas@gmail.com
Copyright 2018 Laureano Tomás Daza
Python 3.6
OS: Windows 10 Home version: 1709
```



From exe file

From py file