User Guide

1. Upload FASTA File – Ensure the file has 3 or more sequences.



Fig1. Choose a multi-fasta file

2. Preview Sequences - Sequences IDs and Description can be displayed.

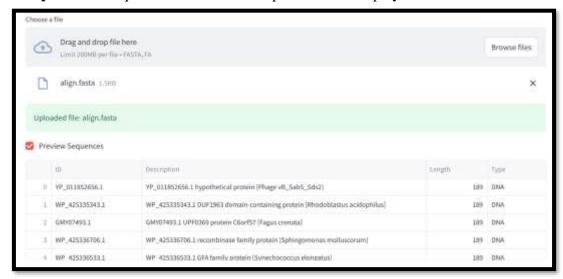


Fig2. Display sequence information in table

3. Select Sequence type - DNA or Protein.

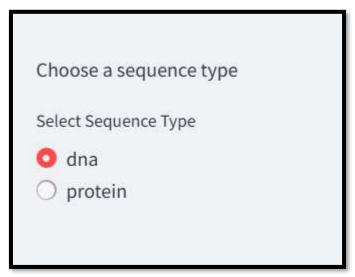


Fig3. Choose the type of data

4. Select Alignment Tool

- Choose from MAFFT, MUSCLE, ClustalW or TCoffee.
- Set gap penalties and substitution models
- Choose tree construction method:
 - ~ Distance-based: Neighbour Joining, UPGMA
 - ~ Character-based: Maximum Parsimony, Maximum Likelihood

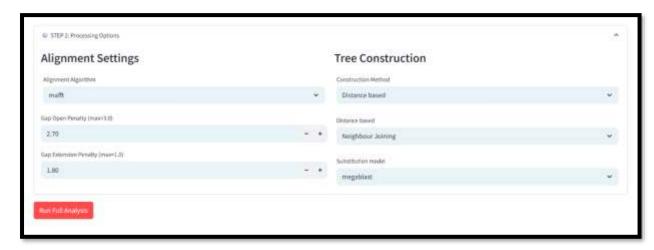


Fig4. Set alignment options, gap penalties, tree construction method and substitution model

5. View & Download – Preview and download results.

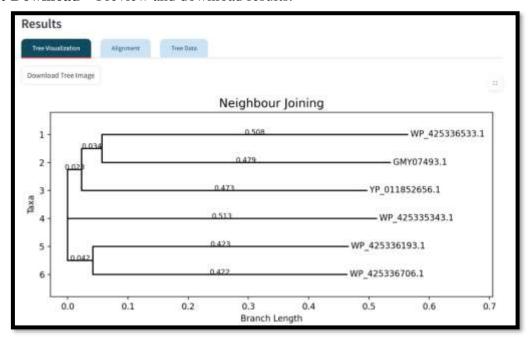


Fig5. Download phylogenetic tree as PNG



Fig6. Download alignment as FASTA



Fig7. Download tree data in Newick format