Protein Databank Filtering and Amino Acid Frequency Calculator (PFA2FC): A Tool

Abstract

Data Mining is the process of automatic extraction of useful patterns in the form of knowledge from the huge databases. Bioinformatics or computational molecular biology deals with the design and use of computer software to solve the complex biological problem. Proteins are important constituents of cellular machinery of any living organism and the functioning of proteins heavily depends upon its amino acids. A tool called Protein databank Filtering and Amino Acid Frequency Calculator (PFA2FC) has been designed using Java language to mine the Protein databank and find the frequencies of each amino acid within a protein.

References


**Index Terms**

Computer Science  Applied Sciences

**Keywords**

Bioinformatics Tools  Protein Sequence Analysis  Frequent Itemsets