Abstract

At the current age, Bioinformatics and Computational Biology which is the field of science, includes not only Molecular biology but also Computer science and Databases, Information technology or Information management. The objective of this field is to develop methods and software tools for analyzing and interpreting biological data. The study of Computational Biology and Bioinformatics not only developing the phase of science but also developing so many cure of malignant and remarkable diseases in human span. For example, DNA replication can be considered the primal one. DNA replication causes cell division but when this is thwarted the unusual malady takes place. Fanconi Anemia is one of the unusual disorders which arises by the means of blockage of DNA replication. The subsequent outcome of Fanconi Anemia is cancer which is sometimes exacerbated and no other remedy found even along with drug. So, it is becoming vital to identify and finding of drug discovery methodology of Fanconi Anemia. Enormous research has been introduced to Fanconi Anemia which implicates the reason and clinical research. In this study we are going to propose an algorithm which will be able to identify
the presence of Fanconi Anemia and will make a space to identify the target of drug discovery.

References


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Index Terms

Computer Science  Algorithms

Keywords

Algorithm, Fanconi Anemia, DNA, Drug Discovery, Target Identification, Mutation.