A Group Average Cluster Analysis of Few IGF1R Sequences using Modified Group Average Link Clustering Algorithm

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Abstract

Clustering techniques have been widely used in the fields of information technology, biomedical sciences. Cluster analysis deals with the identification of a set of objects into subsets with some sort of similarities. Such groups are assigned to have similar function. In this paper, a modified group average clustering program was written in python language and applied on a dataset of IGF1R protein sequences to generate orthologous clusters of sequences and the phylogenetic trees were presented.

References

15. http://www.ebi.ac.uk/clustalw

Index Terms

Computer Science Algorithms

Keywords

IGF1R, clusters, group average clustering, python program.