

Method of Online Analytical Processing on Nucleotide Sequences Database

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Abstract: This paper proposed a new method of Online Analytical Processing on EMBL Nucleotide Sequences Database. This scheme is used to automatically restore flat file data into relational database, which is then converted into OLAP's data marts. Both the quality and speed of analysis will be greatly improved based on the data marts. We believe that this method is a powerful and flexible tool and can be seen as successful application of data mining in molecule Biology.

Keywords: OLAP, Nucleotide Sequences Database, Data Warehouse, Bioinformatics, Data Marts

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