Software Demonstration

Vector NTI Suite:
SSBM - Software solution for Bio-Medicine

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Abstract:

Vector NTI Suite is a comprehensive software package for computer support of molecular biology and genetics. It includes the Vector NTI program as a central logical component for biological data management and manipulation, and three new software products: Multiple Sequence Alignment application (AlignX), Sequence Analysis application (BioPlot), and contig assembly application (ContigExpress) for managing of sequencing projects.

InforMax Software Solution For Bio-Medicine (SSBM) is a new generation of molecular biology and genetics software utilizing modern and most prominent computer science technologies - relational databases, client-server architecture and Java framework. It covers all the vertical structure of bioinformatics needs of a typical pharmaceutical or biotechnology company providing integrated large-workgroup or enterprise-wide environment for storing, managing, analyzing and visualizing genetic data:

- Automates the research process to eliminate unnecessary manual steps
- Robust support for publicly available algorithms
- Can easily incorporate on-site developed algorithms
- Manages heterogeneous genetics data types in a single data warehouse
- Provides a standard graphical user interface view of the data
- Integrates seamlessly with desktop sequence analysis software
- Supports collaboration in a geographically distributed environment