Partek® Genomics Suite™

Quickly and Reliably Identify Patterns in Your Genomic Data

Biological signals in genomic data are often hidden in a sea of noise. Biological factors such as dose, time, and phenotype combine with technical factors such as sample processing batches, and often obscure the important signals the biology is sending. The ability to draw reliable conclusions from today's genomic studies requires that major factors influencing the data be identified and undesired effects removed -- revealing the true biological signals.

Partek Genomics Suite™ is a comprehensive suite of advanced statistics and interactive visualization specifically designed to reliably extract biological signals from noise. With Partek Genomics Suite, biologists, bioinformaticists, and statisticians finally have a single, integrated solution to the genomics data analysis bottleneck that produces trustworthy results.

Designed for high-dimensional genomic studies containing thousands of samples, Partek Genomic Suite is fast, memory efficient and will analyze large data sets on a personal computer. Partek Genomics Suite supports a complete workflow including convenient data access tools, identification and annotation of important biomarkers, and construction and validation of predictive diagnostic classification systems.

Now one tool can take you from start to finish for genomic data analysis. With Partek Genomics Suite, you can easily import and analyze gene expression or other genomic data, reliably identify and annotate the genes or biomarkers of interest, and share findings with other researchers in your organization with information rich graphical displays.

In addition to powerful statistics you can count on, Partek Genomics Suite provides a wide variety of interactive visualizations for exploring and explaining the results of genomic studies.
Partek Licensing

Flexible, Versatile, and Tailored to Suit Your Needs

Partek uses the industry standard FLEXlm license manager to provide cost effective license management. Partek licenses can be tailored to fit the needs of an individual as well as the needs of a large institution with many users. Partek offers the following licenses:

• Node-locked Licensing: Licenses can be assigned to a specific machine to ensure software access for critical departmental and/or globally accessible server machines. The "node-locked license" allows the benefit of always having a license available to ensure that licenses are for critical projects, shared computation servers, web servers, or application servers.

• Concurrent, Floating Licensing: Licenses can alternatively be configured to “float” across a network, independent of the operating system and can run on multiple platforms at the same time. The benefit of the "concurrent floating license" is that Partek can be installed on many machines, while only requiring enough licenses to satisfy the number of concurrent users. Concurrent floating licenses are extremely cost effective since a license is only consumed while the software is being used and is not required for installation.

Flexible & Affordable Licensing Configurations

A combination of the above licensing capabilities offers the most cost effective, flexible deployment of Partek software. Please contact a Partek sales representative for to discuss a license configuration that best fits your organization.

Discovery Services

Partek Discovery Services are available to Partek customers who want to outsource the experiment design/data analysis or would like integrating Partek with enterprise databases or other applications. Services include:

• Training - Hands on, introductory and advanced training sessions for Partek users performed at customer site or at Partek headquarters in St. Louis, Missouri. Training sessions are billed per diem and there is no additional charge for additional trainees. Introductory and advanced classes are available.

• Experimental Design - Careful design of your experiment will ensure that valid conclusions will be the result. Our expert statisticians will work closely with you to design your experiment such that noise is substantially reduced, making the data analysis easier -- saving you time and money.

• Data Analysis - Partek's in-house statisticians have substantial experience analyzing genomic data of all kinds - one- and two-color gene expression, RT-PCR, SNP, SAGE, SELDI, etc. Let our statisticians help you get the most out of your data. All results and processing steps are documented so you can reproduce the results.

• Enterprise Integration - Our experienced engineers will assist you with integrating Partek software into an enterprise computing environment, including integration with in-house databases, internet/intranet, third party applications, and application specific customization and automation.

System Requirements

• 512 MB RAM
• 500 MB free disk space
• 16-bit color minimum
• 800x600 minimum screen resolution

Operating Systems

• Windows - XP/Me/2000/NT
• Linux
• Macintosh OSX - coming soon

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