

Geospiza GeneSifter® Analysis Edition Fall 2009: New Features and Capabilities

Geospiza is pleased to announce the fall release of GeneSifter Analysis Edition. The most recent release features whole transcriptome analysis, unbalanced two-way ANOVA, data management enhancements for next gen as well as several enhancements to increase ease-of-use.

Whole Transcriptome Analysis

GeneSifter Analysis Edition now supports Whole Transcriptome Analysis with a more detailed view of each gene, including predicted splicing events and exon usage - increasing your access to the depth of next generation sequencing. This new analysis capability also includes an integrated gene viewer - to see your data as it relates to the genome and then tie it to publicly available information.

Unbalanced Two-way ANOVA

With support for different numbers of samples in each group, GeneSifter now offers a more flexible framework for measuring variance.

Interactive Volcano Plot

The intuitive navigation you have experienced with scatter plots is now available for our most recent data visualization, volcano plots. From a global view of your data, you can pick out the most significant data - and with one click from the selected gene on the volcano plot image, navigate to the corresponding gene summary.

Next Gen Data Management

To better manage your next gen data, you now have the ability to organize your data in folders, delete data and download data with GeneSifter's integrated fast file transfer tool.

This most recent version also enables you to search by gene symbol (conventional name) within your projects and to search for genes of interest with increased flexibility and precision. If you would like to view genes by chromosome, the chromosome report now provides that capability.



Whole Transcriptome Analysis Pipeline, including integrated gene viewer.