Gene Codes introduces CodeLinker
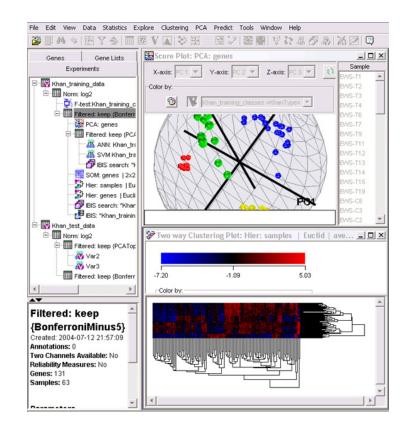
CodeLinker is a feature-rich Genomic Data Analysis program.

CodeLinker brings powerful exploratory analysis tools to the benchtop scientist

CodeLinker software offers you a powerful set of analysis and visualization tools for the exploration of gene expression and RNA-seq data. Getting started is easy because CodeLinker supports over 20 different import file types and has excellent data normalization and filtering tools. Once you've imported, filtered, and normalized you have numerous data analysis options, such as:

» K-Means, Jarvis-Patrick and Hierarchical clustering algorithms

» Interactive Co-ordinate, Scatter, 2D and 3D Score plots

» Principal Component Analysis (PCA)

» Self-Organizing Maps (SOMs)

CodeLinker-Miner takes your analysis to the next level

CodeLinker-Miner takes your analysis to the next level with proprietary classification and prediction features. When novel transcripts are discovered from RNA-Seq data, new classifications can be automatically generated to immediately point out associations.

» CodeLinker-Miner includes all of the CodeLinker features plus proprietary classification and prediction features

» Discover hidden associations with the SLAM (Sub Linear Association Mining) algorithm

» Use Support Vector Machines (SVMs) and Artificial Neural Networks (ANNs) to distinguish and predict sample classes

» Find the best genes to predict sample classes with the Integrated Bayesian Inference System (IBIS)

www.genecodes.com