



HierarchicalClusteringImage Documentation

Module name: HierarchicalClusteringImage
Description: Creates an image of the dendrogram generated from HierarchicalClustering
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Creates an image of the dendrogram generated from HierarchicalClustering. Coloring of nodes in the dendrogram is supported. The color of a node can be set by editing the atr or gtr file. Add a column to the atr or gtr file that contains the color for each node. For example (added column shown in bold):

NODE1X	GENE78X	GENE77X	0.964702	#9900FF
NODE2X	GENE25X	GENE8X	0.963298	#990000

Parameters:

Name	Description	Choices
cdt filename	Clustered data table, contains the original data, but reordered	
gtr filename	Gene Tree file, records the order in which genes (rows) were joined (at least one of gtr filename and atr filename is required)	
atr filename	Array Tree file, records the order in which samples (columns) were joined (at least one of gtr filename and atr filename is required)	
output file	The output file name	
output file format	The output file format	jpeg, bmp, png, tiff
column size	The size in pixels of an element along the x axis	
row size	The size in pixels of an element along the y axis	
grid	Whether to draw a grid between elements	yes, no
grid color	The grid color	black;grey;white
row annotations	Whether to draw row annotations	yes, no
row names	Whether to draw row names	yes, no
feature list filename	Features to highlight in the heat map. File format is a text file containing one feature per line.	
highlight color	The color to highlight the features in the feature list	red;yellow.blue
color scheme	The color scheme	row normalized; global

Return Value:
The dendrogram image file.

Platform dependencies:

GenePattern

Task type:	Image Creators
CPU type:	any
OS:	any
Language:	Java
Java JVM level:	1.4