HierarchicalClusteringImage.MATLAB Documentation

Module name: HierarchicalClusteringImage.MATLAB
Description: Generates an image of the dendrogram produced by HierarchicalClustering.MATLAB
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Summary: Generates a png image of the dendrogram generated from HierarchicalClustering.MATLAB. Each row in the color table file contains the class name followed by the red, green, and blue values for the class color (each separated by tabs). For example:

	R	G	B
Stom	255	0	0
Colon	0	255	0
Pan	255	255	0
Lvr	0	190	255
Kid	113	48	255
Bldr	255	160	0
Prost	0	128	0
Ovary	131	131	0
Ut	0	255	255
Lung	0	0	255
Meso	220	220	220
Mela	0	128	192
Brst	255	0	255
Brain	0	0	0
BALL	176	39	39
TALL	120	120	120
FCC	130	56	115
LBL	128	64	0
MF	255	80	0
AML	220	185	225

Parameters:

Name	Description
reordered.dataset.filename	reordered gct file - .gct
row.dendrogram.filename	row dendrogram - .odf
column.dendrogram.filename	column dendrogram - .odf
cls.filename	cls file that assigns labels to the columns in the gct file
color.table.filename	describes the color of each class in the cls file
data.preprocessing	normalization applied to data
phenotype	phenotype text to draw
output.file.format	the output file format
reduce.row.dendrogram	whether to draw only the higher level branches of the row dendrogram
reduce.column.dendrogram	whether to draw only the higher level branches of the column dendrogram
output.name	image output file name

Return Value:

1. image file

Platform dependencies:

Task type:	Image Creators
CPU type:	x86
OS:	Windows
Language:	MATLAB