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%FBR heatmap and dendrogram
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%Import data into matlab
Input=uiimport('LD.csv');
Data=Input.data;
%Data needs to be transformed into log2space
%perform clustering
CGobj = clustergram(Data);

%Label data
R=Input.textdata(:,1);
%This needs to be made a string
%These are the colum labels for your data
C=['A';'B';'C';'D';'E';'F';'G'];
D=cellstr(C);
set(CGobj, 'RowLabels',R,'ColumnLabels',D)
set(CGobj, 'Linkage', 'complete', 'Dendrogram',1)
set(CGobj, 'DisplayRange', 1)
set(CGobj, 'ColumnPDistValue', 1)
```