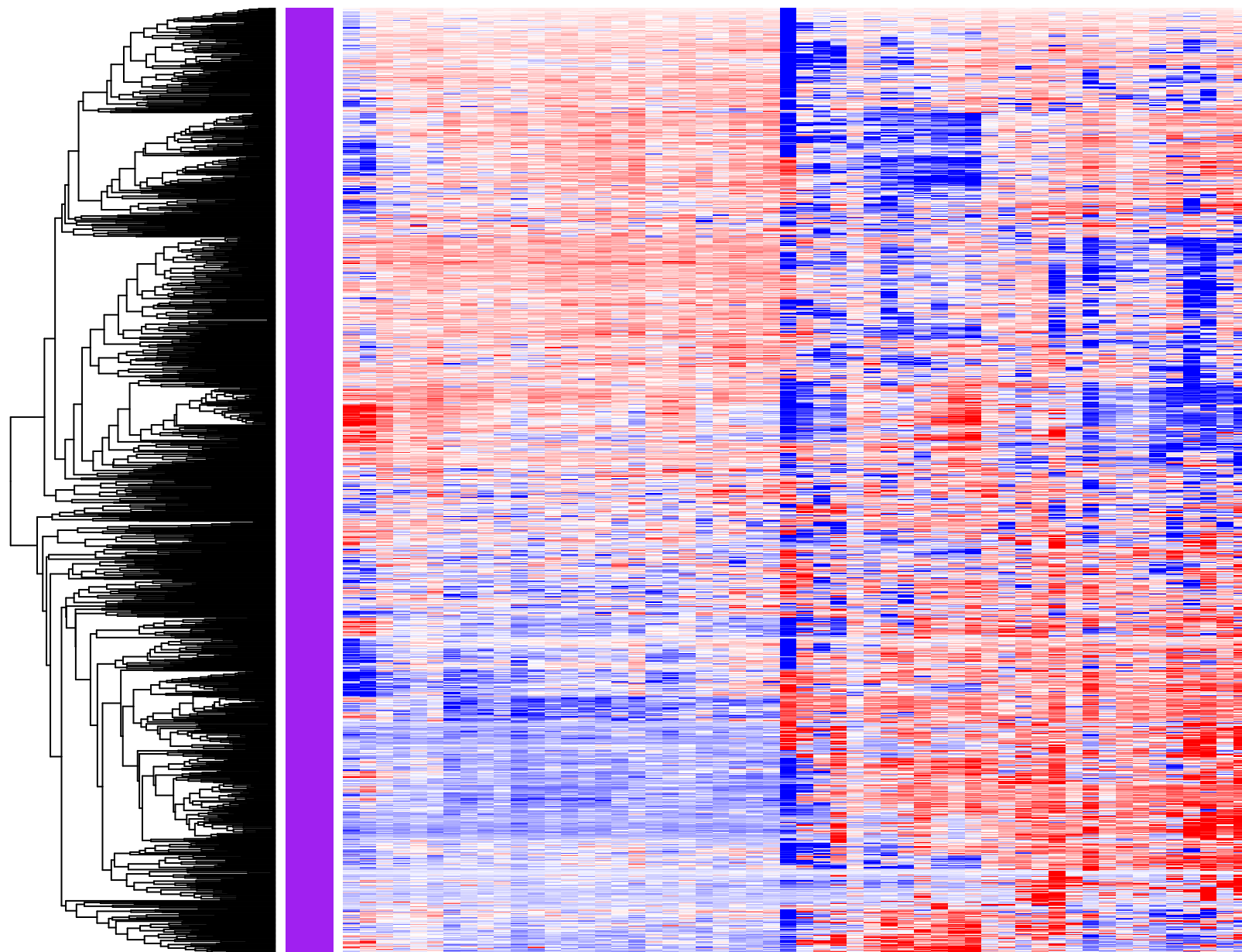
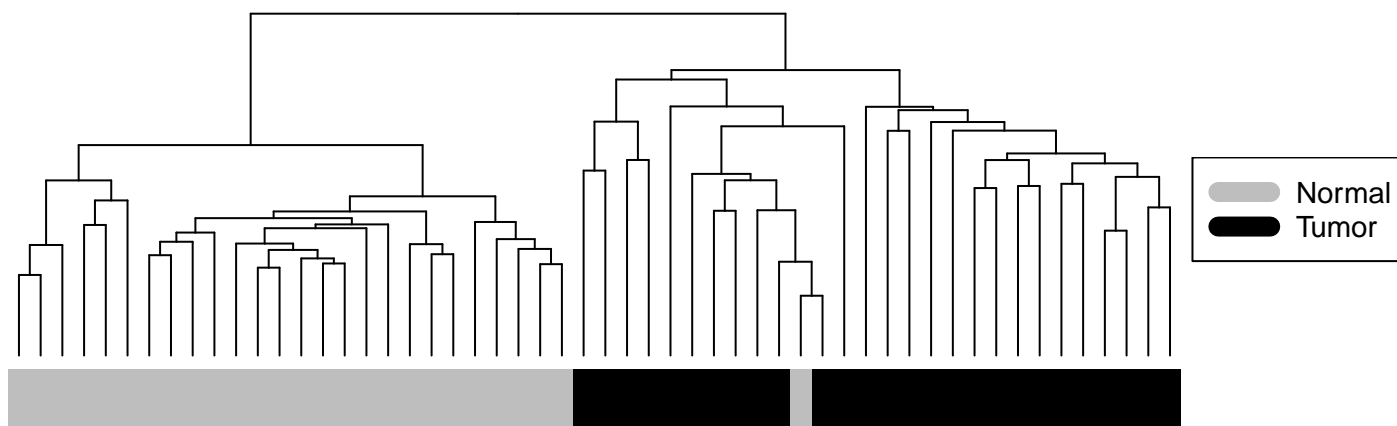
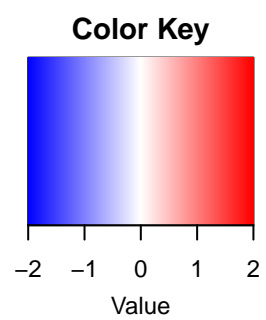
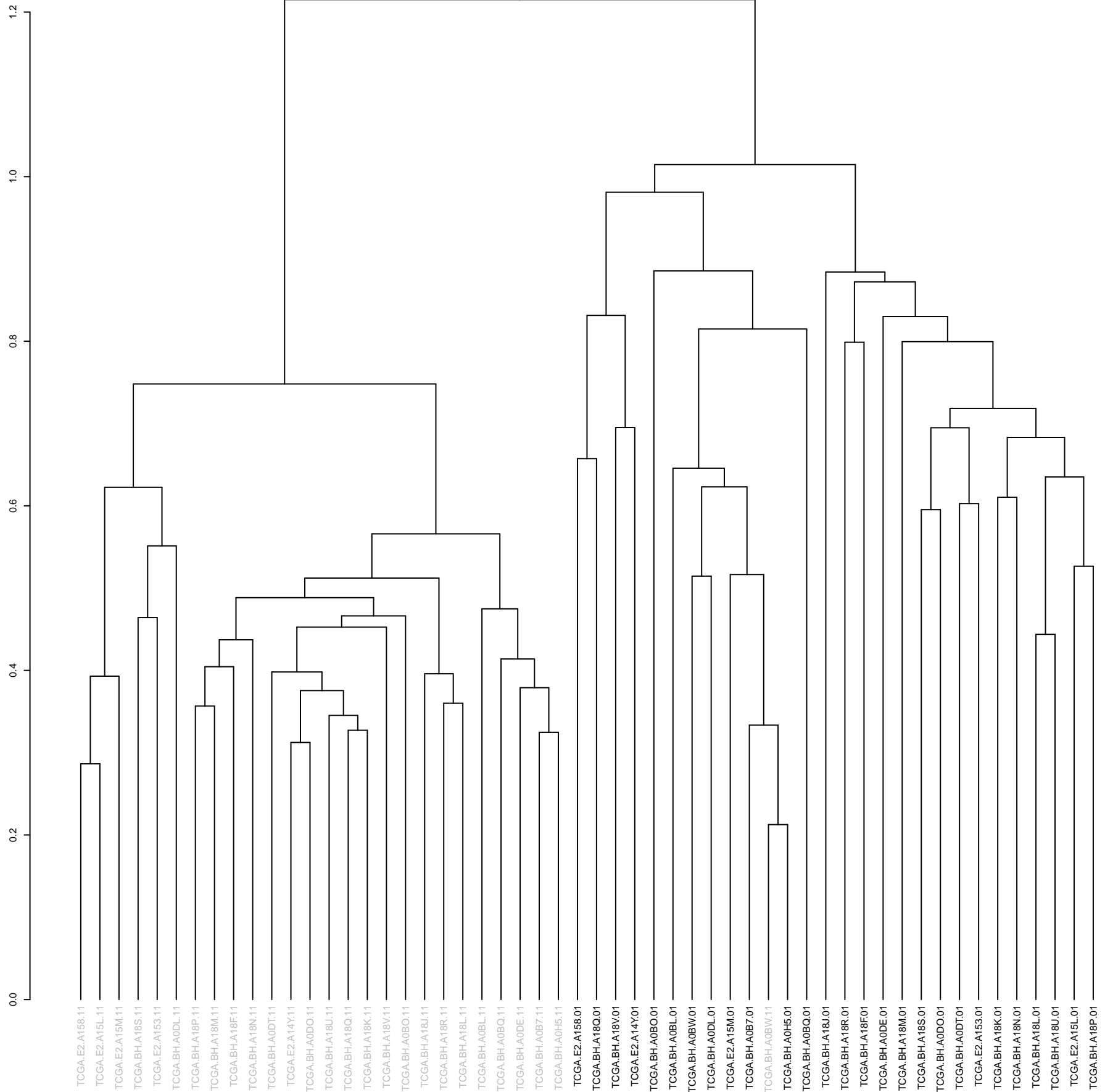


Clustering Analysis with Shiny HeatMap

Parameters	Value Selected
Data Normalization Type	row
Distance Method	pearson correlation
Clustering Method	average
Scale	-2:2
HeatMap colors	blue-white-red

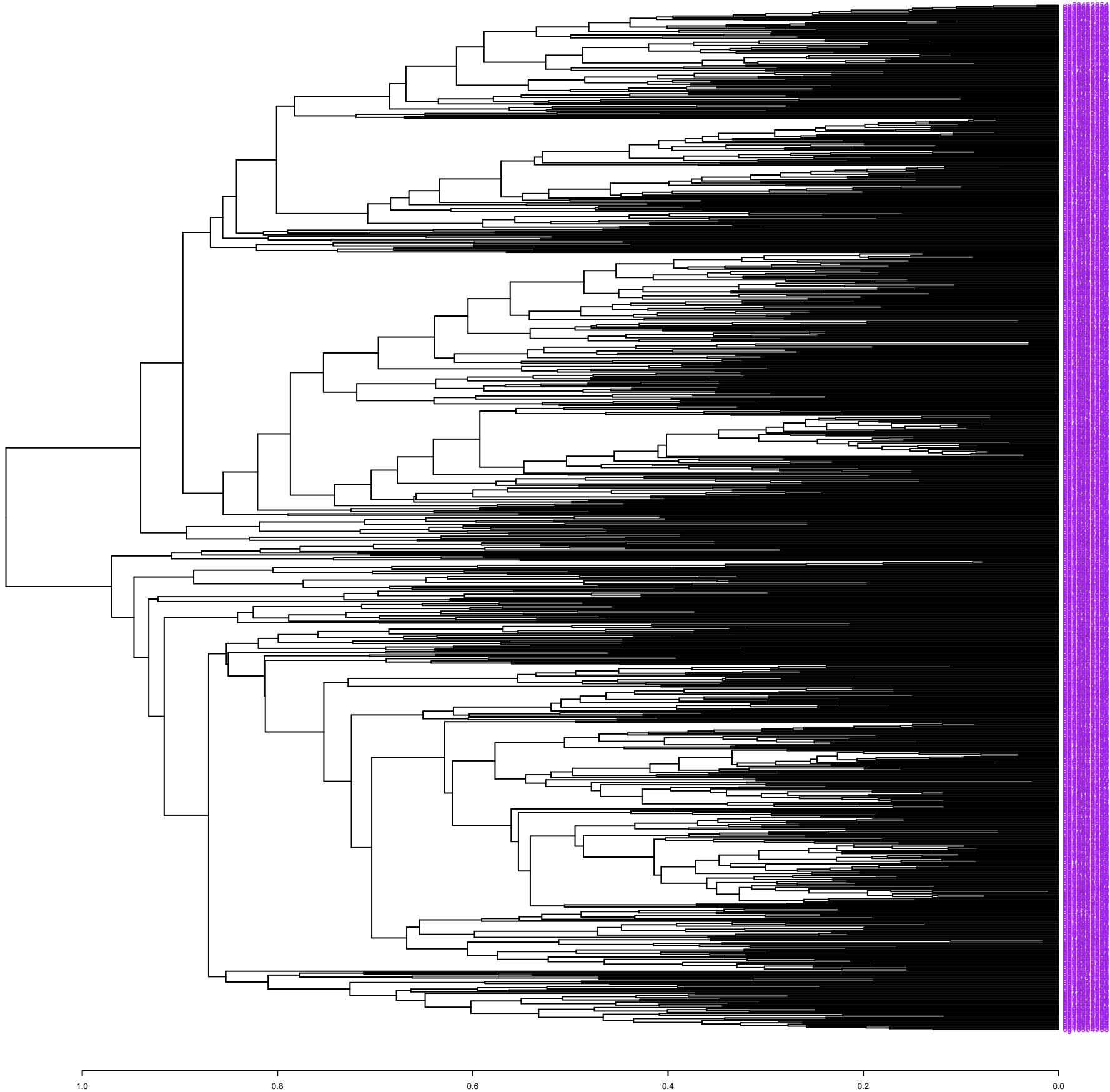


Column Dendrogram



Row Dendrogram

Moderate



Significance of Column Cluster

Bootstrap approach parameters	Value
Observed Data Fisher's exact p-value	2.87630931205568e-14
Sample Iterations	10
Number of bootstrap Samples with replacement	1000
Monte Carlo p-value	0
Interpretation	The CpG island/ gene set cluster is statistically significant i.e., a random sample of CpG probes/gene sets of the same number is Not able to separate the Sample groups when compared to the CpG islands/gene sets of interest