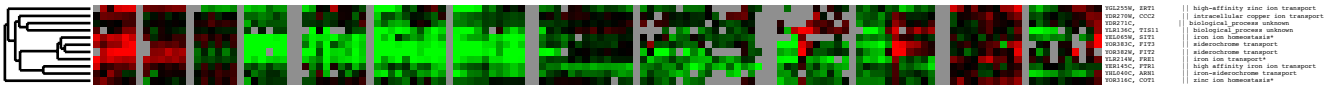Figure 4B Cluster 1