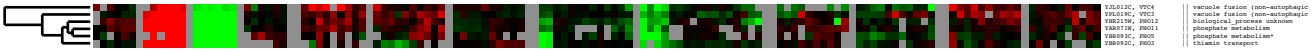Figure 4 Cluster 8