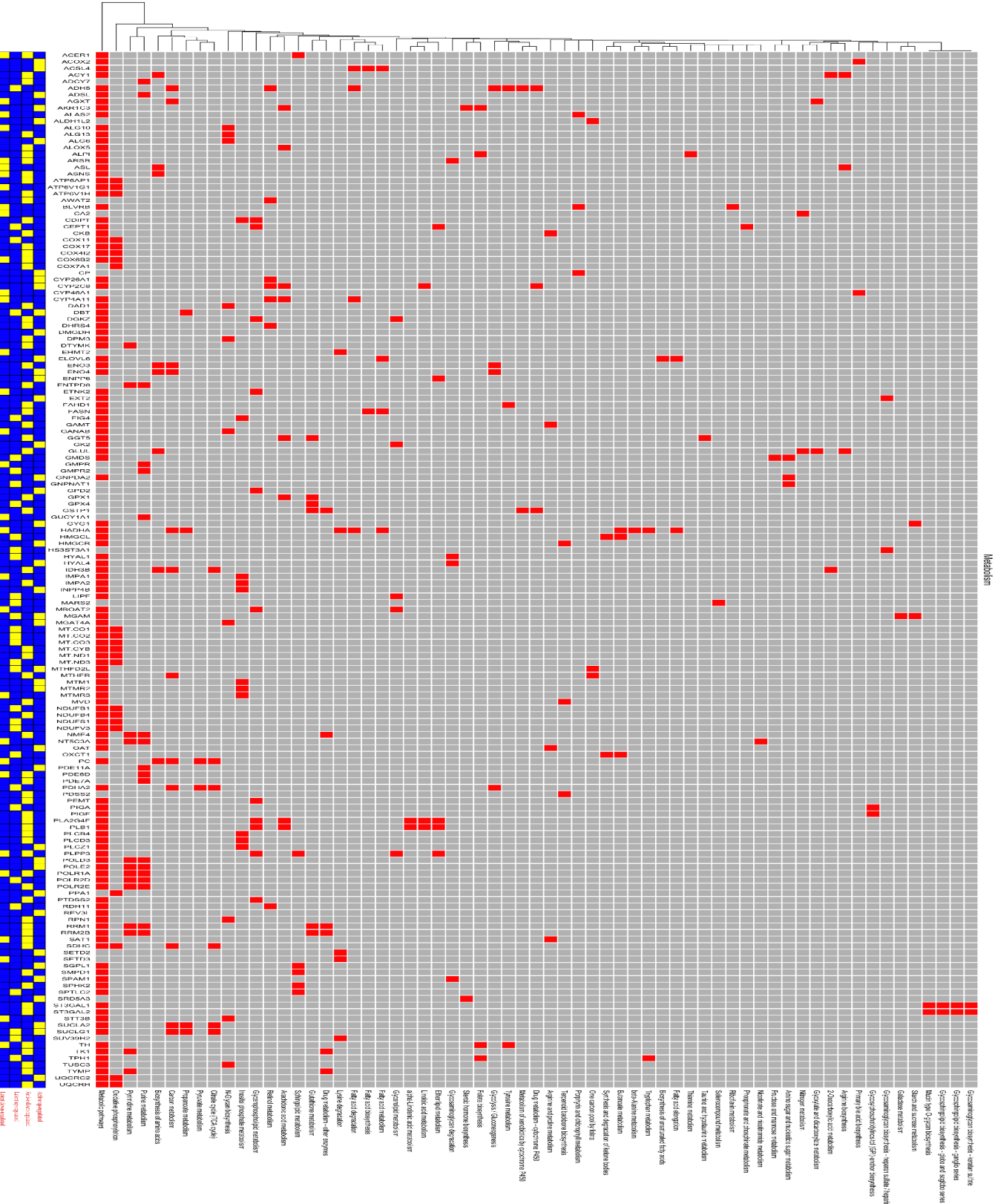
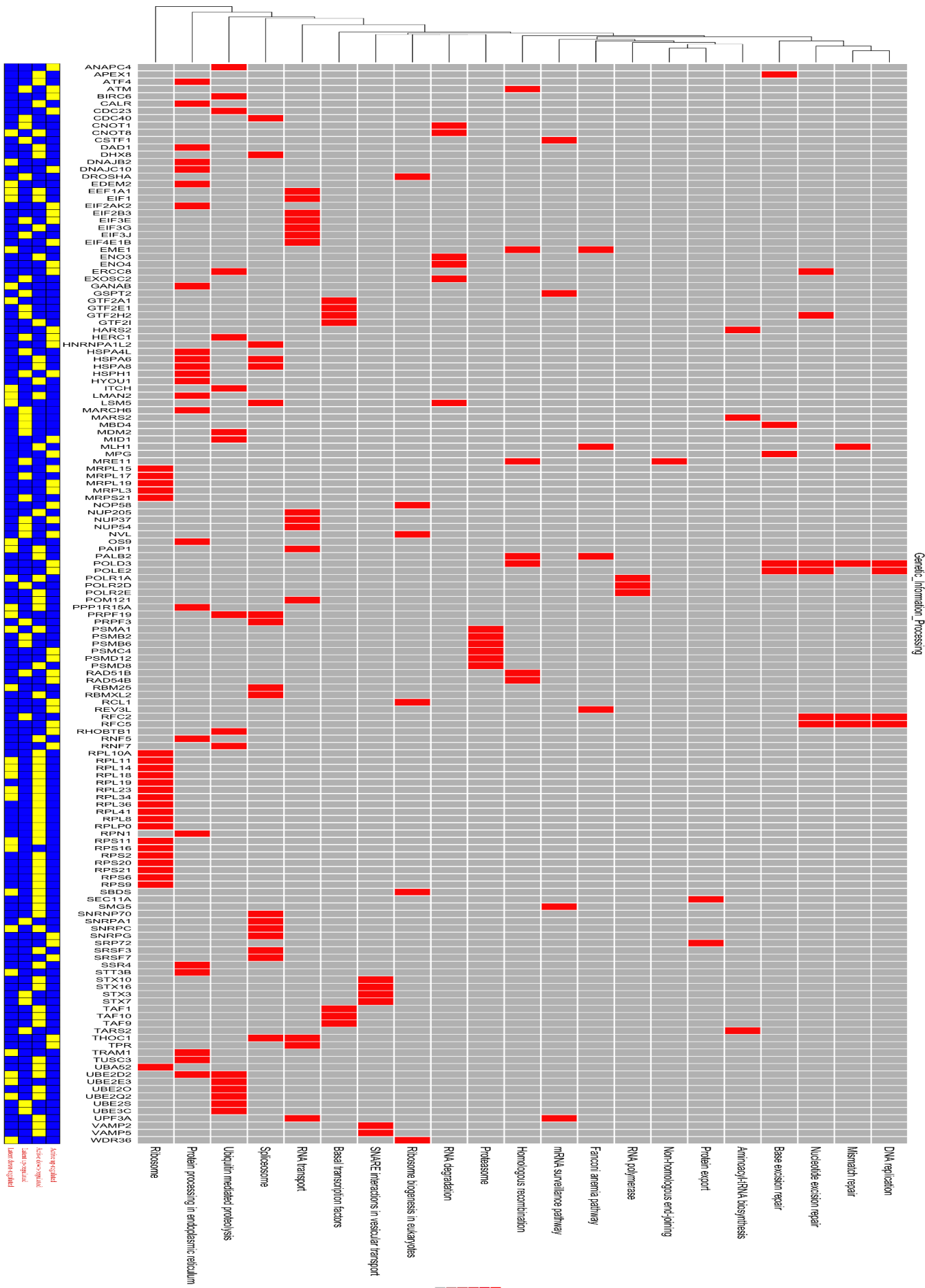


**Figure E7.1. The number of up- and down-regulated genes in the pathways.** (i-v) shows the expression of human genes and (vi-vii) shows the presence of Mtb genes in a particular pathway. The matrix in the top panel depicts the genes (columns) present in different pathways (rows). The red squares indicate the presence while grey shows absence. The rows and columns of the top matrix are clustered to bring similar pathway membership patterns in the same cluster. The matrix in the bottom panel is a heatmap of expression for each of the significantly regulated genes in each of the samples. The lower heatmap shows presence and absence with yellow and blue color respectively.

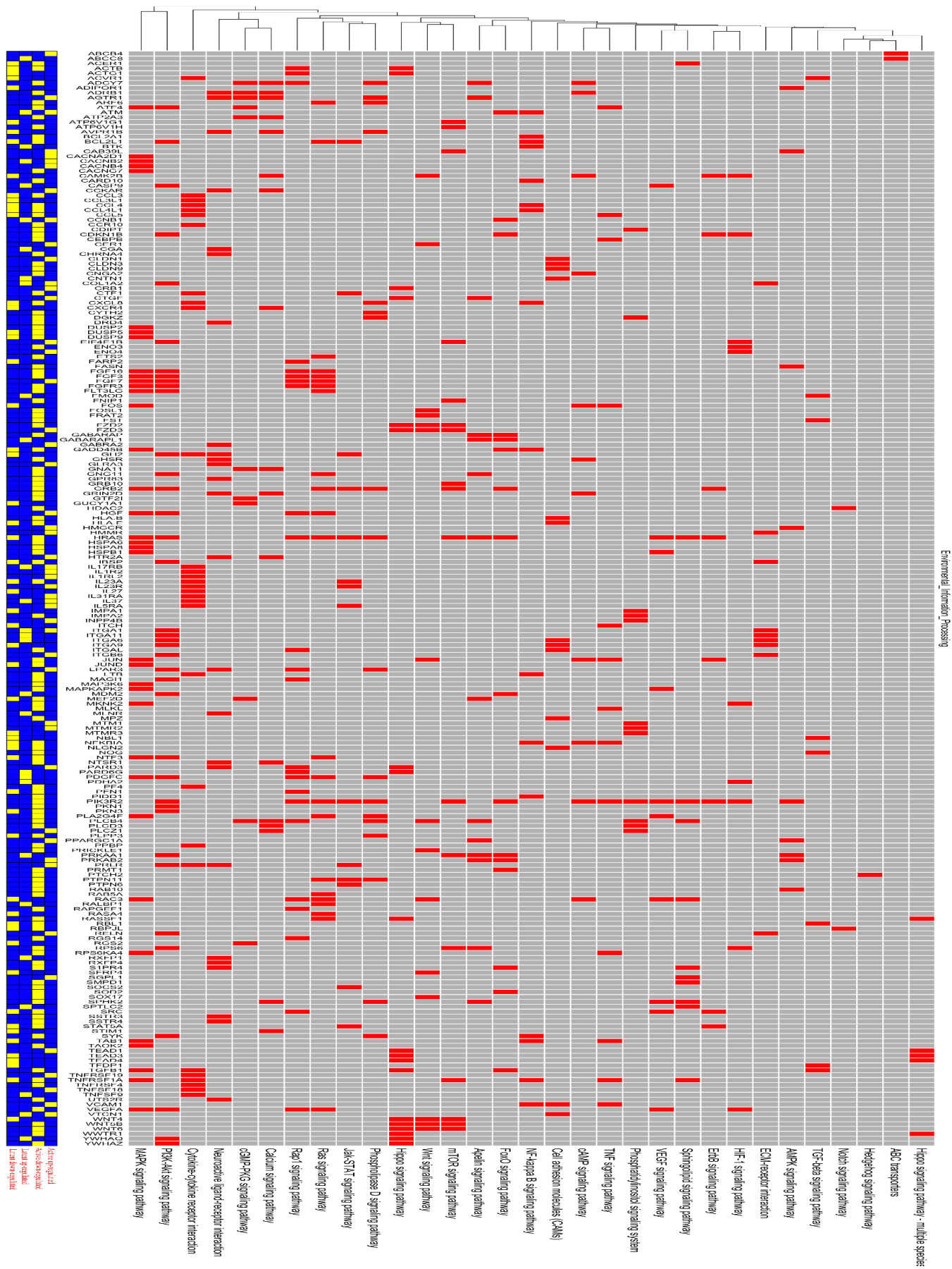
*(i) Human metabolism pathways*



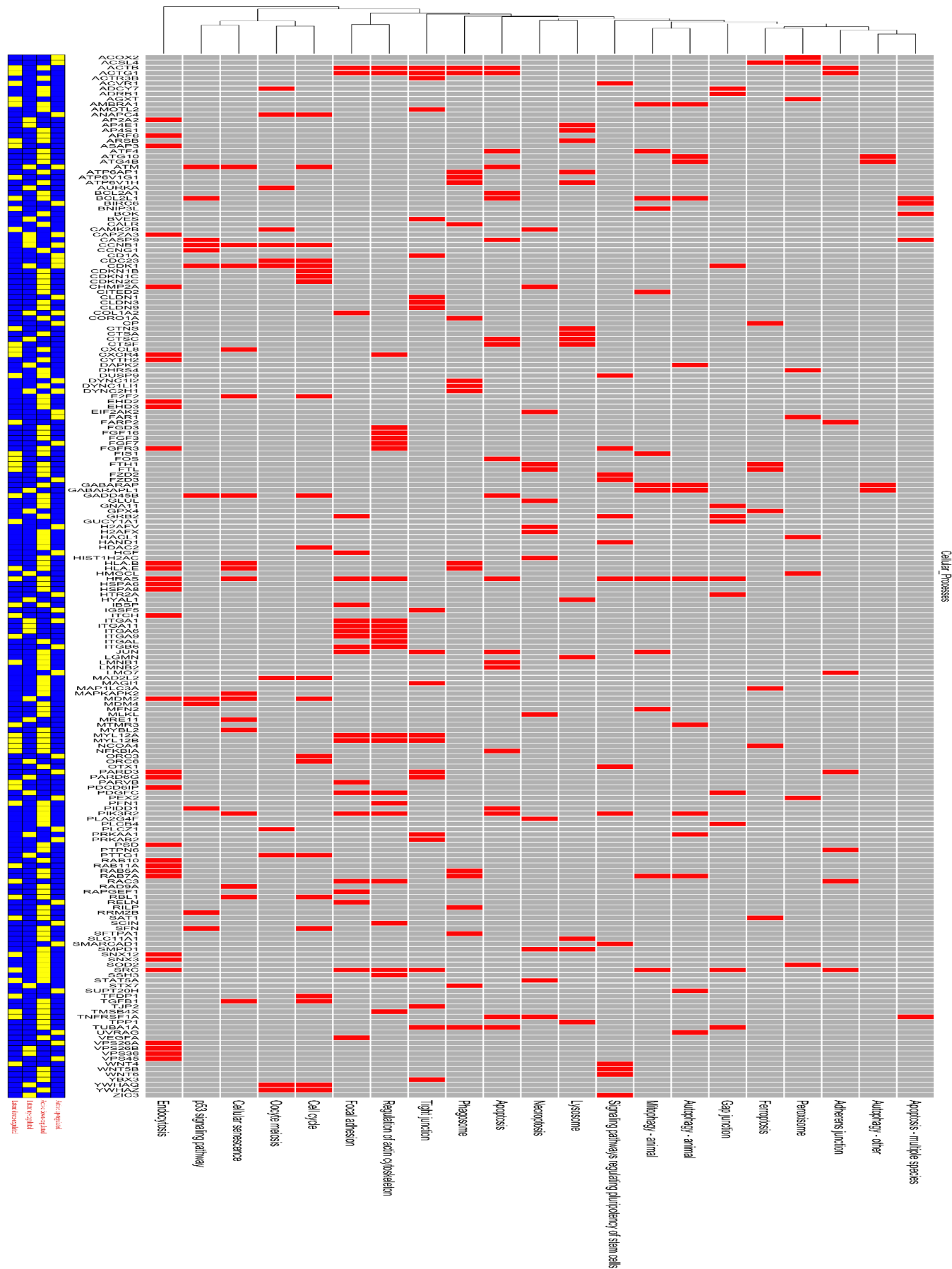
(ii) Human genetic information processing pathway



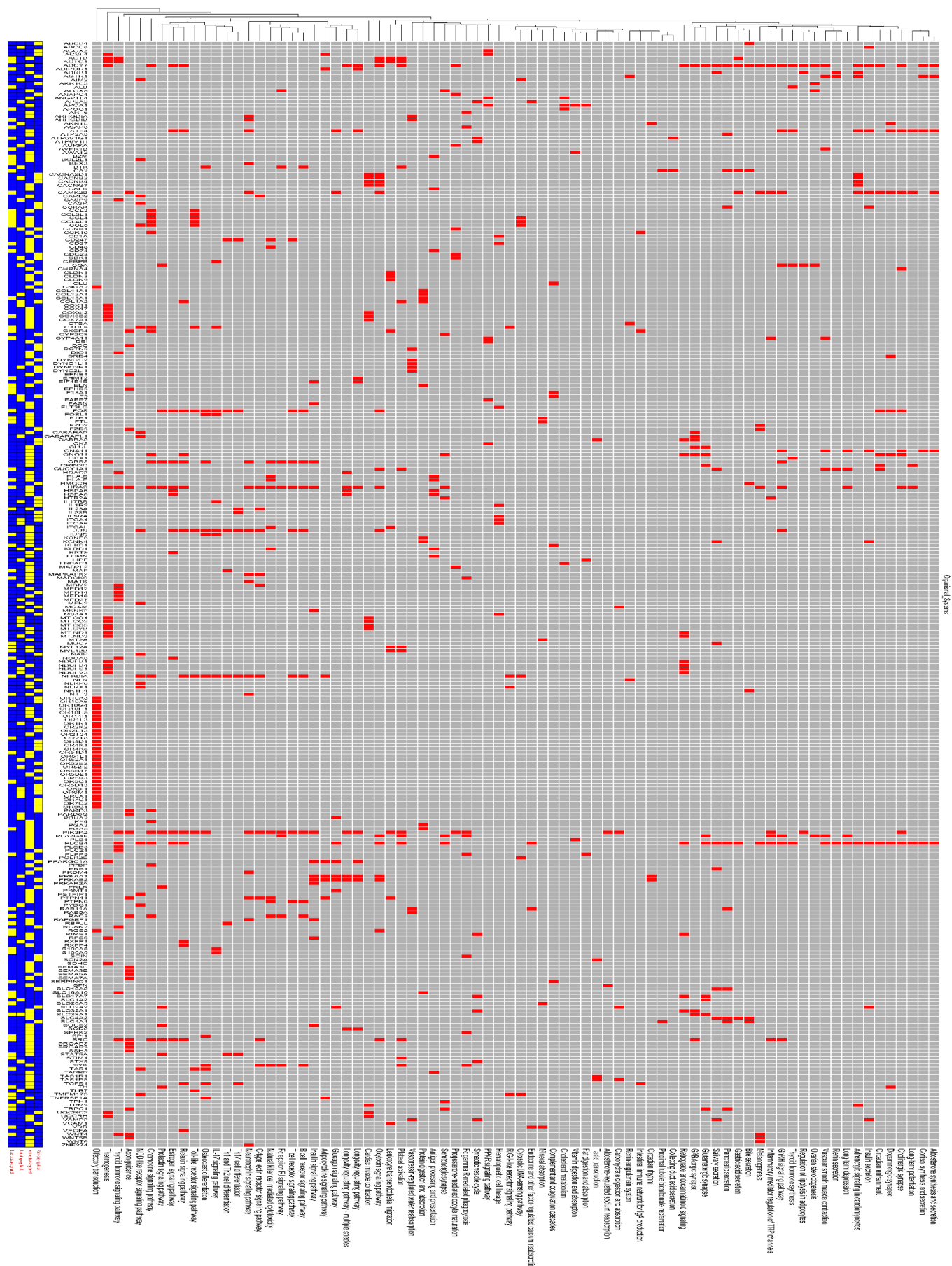
(iii) Human environmental information processing pathway



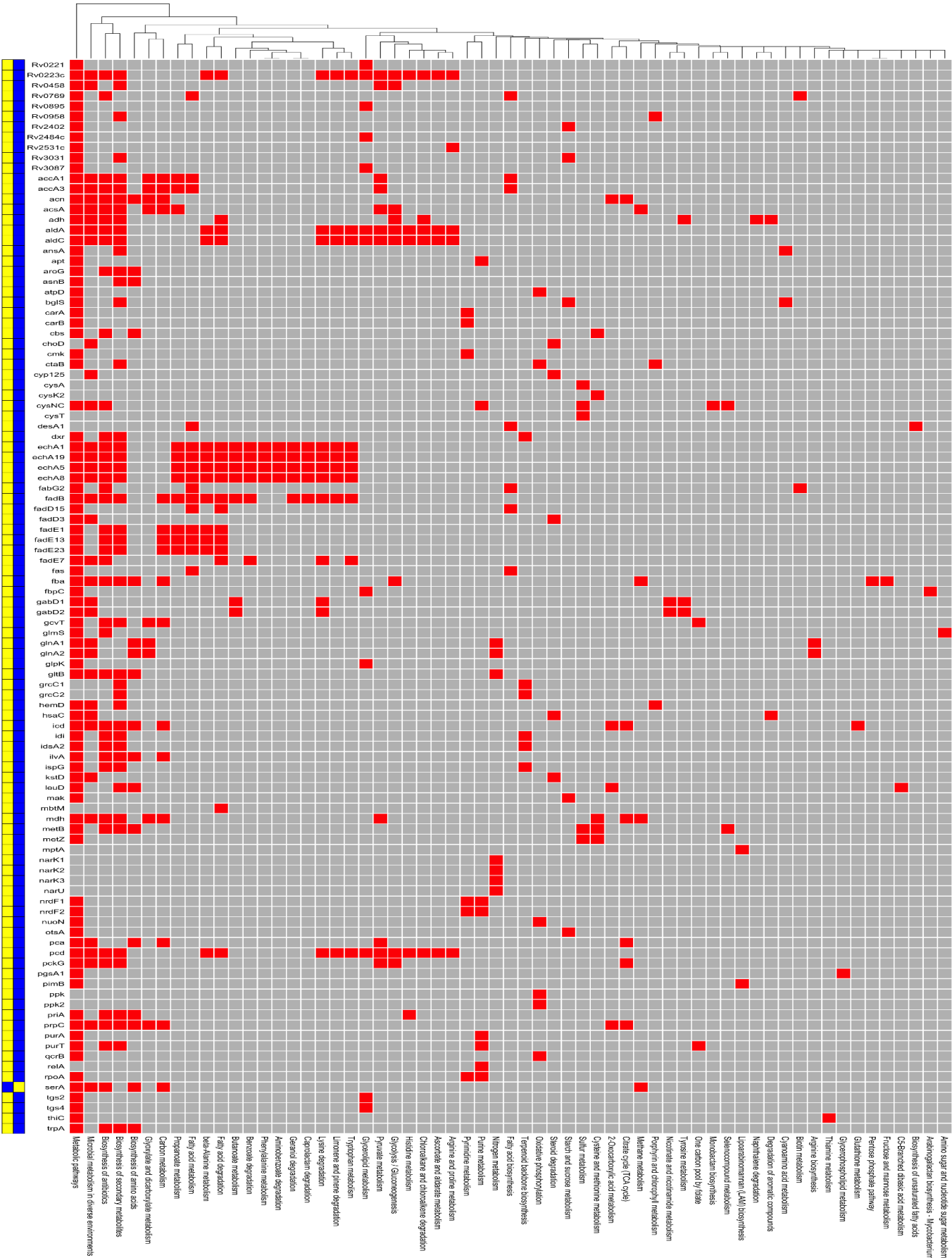
(iv) Human cellular processes pathway



**(v) Human organismal systems pathway**



(vi) Mtb metabolism pathway



(vii) *Mtb* cellular processes, environmental information processing, and genetic information processing pathways

