

indirectly regulated targets of Gcn4 A. Pie chart showing the number of Gcn4 targets directly/indirectly repressed by Gcn4.

B. List of genes directly repressed by Gcn4 and

C. Genomic tract showing the Gcn4 peaks for the selected genes that are activated directly by Gcn4 (top panel), and their transcript expression values as measured using RNA seq (bottom

D. Genomic tract showing the Gcn4 peaks for the selected genes that are directly repressed by Gcn4 (top panel) and their transcript expression values as measured using RNA seq (bottom panel). The peaks were visualized using the Integrated Genome Browser (IGB) [9]. E. Integrated Genome Browser (IGB) tracts, showing Gcn4 binding peaks on the promoters of the genes that comprise the arginine, lysine and histidine biosynthetic pathways