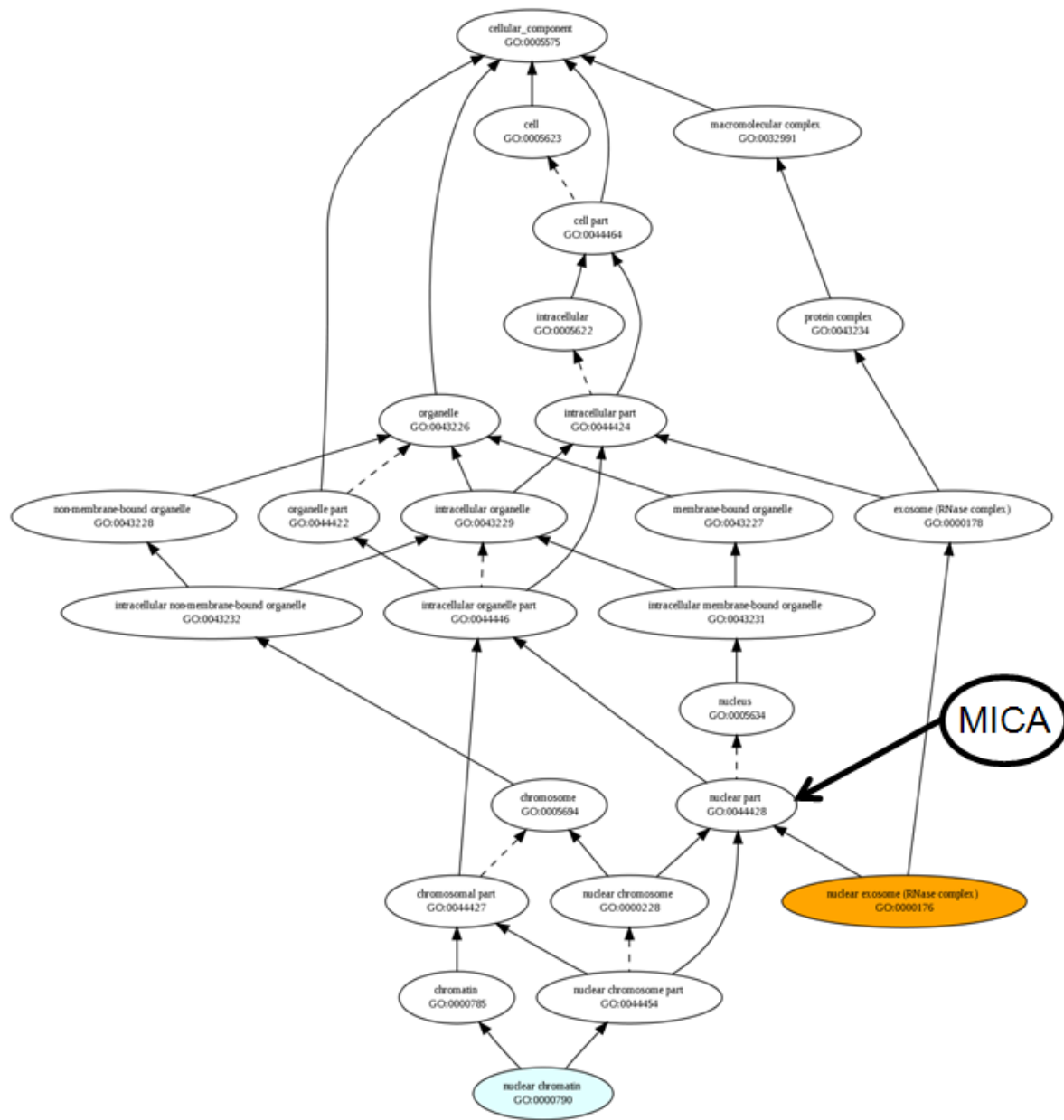
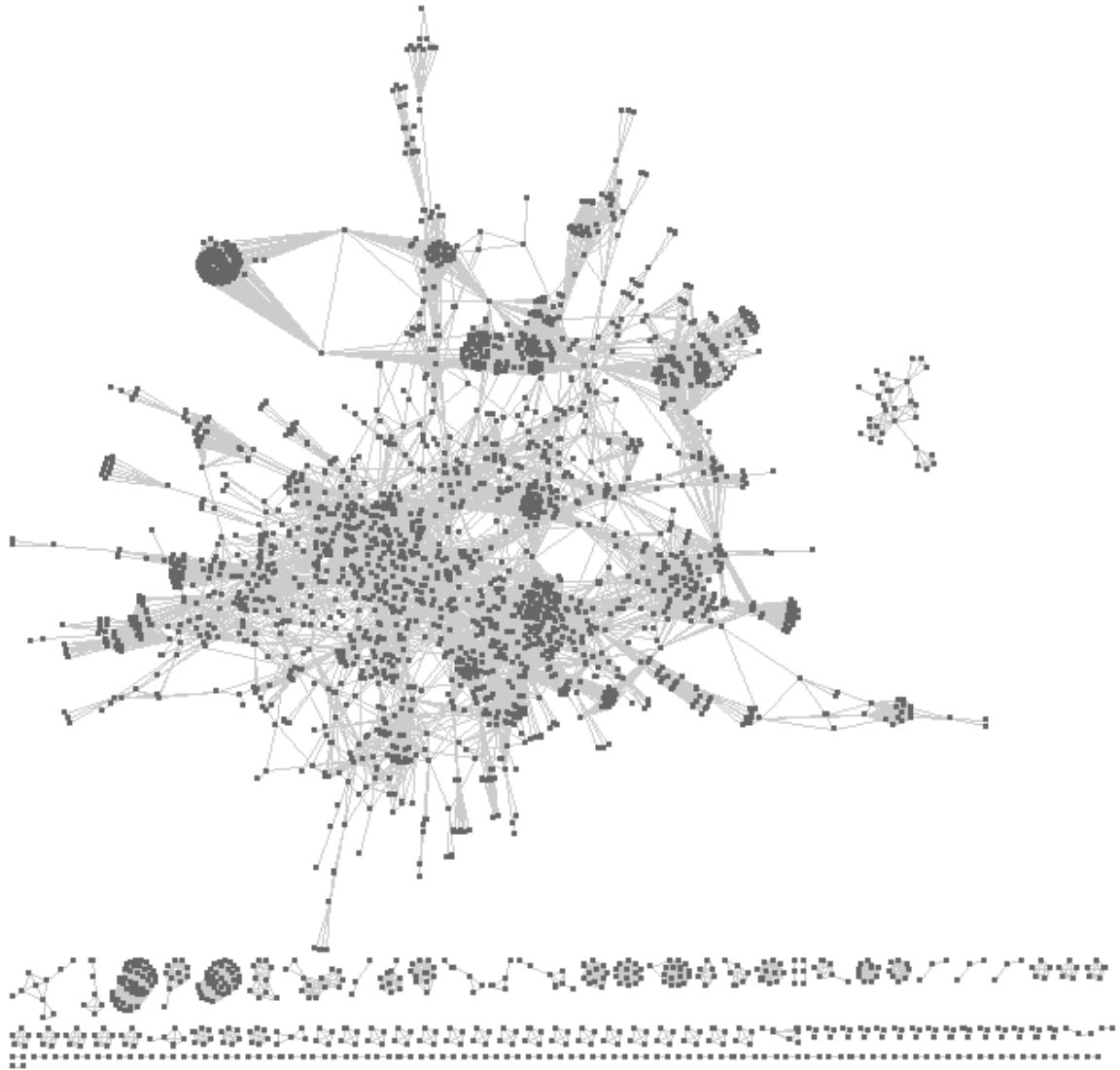


Supplemental Figure 1 – Visualization of GO annotations for yeast genes LRP1 and LIF1
 The orange nodes are GO terms annotating LRP1 and cyan nodes are GO terms annotating gene LIF1.

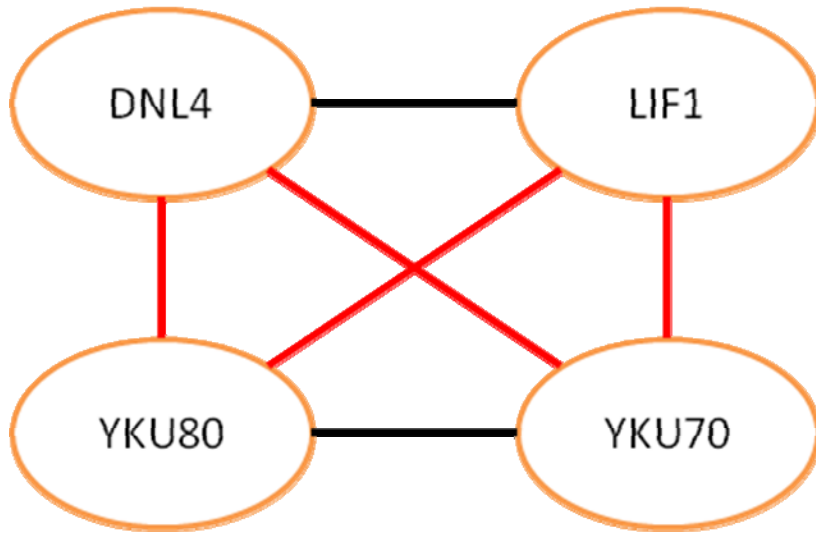


Supplemental Figure 2 – Visualization of GO annotations for yeast genes LRP1 and DNL4

The orange nodes are GO terms annotating gene LRP1 and the cyan nodes are GO terms annotating gene DNL4.



Supplemental Figure 4 – The predicted yeast protein interaction networks using Sim_{IC}
The graph is draw using cytoscape.



Supplemental Figure 5 – Predicted protein interactions between Ku complex (YKU70, YKU80) and DNA ligase IV complex (DNL4, LIF1)

The existing protein interactions are represented by black links. The predicted protein interactions are represented by red links.