Analysis of subcellular localization

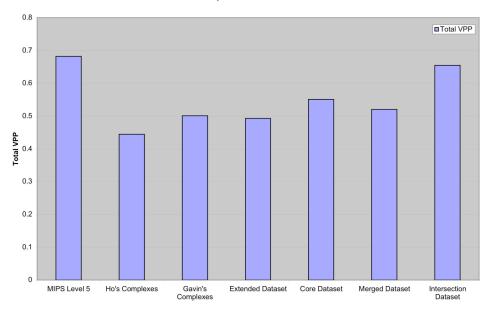


Figure S1. Positive prediction values (Sylvain Brohee, manuscript in preparation) for large-scale datasets using subcellular localization data from Huh et al., 2003 Nature 425, 671.

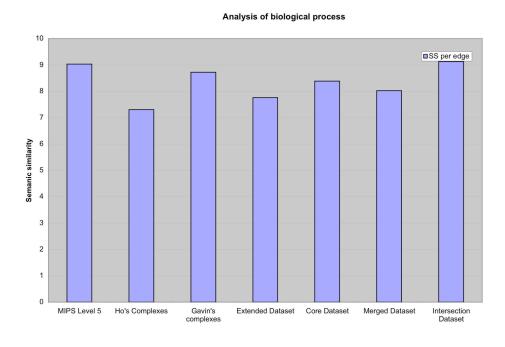


Figure S2. Semantic similarity scores (Lord et al. 2003 Bioinformatics 19, 1275) for large-scale datasets using GO biological process taxonomy (www.geneontology.org)

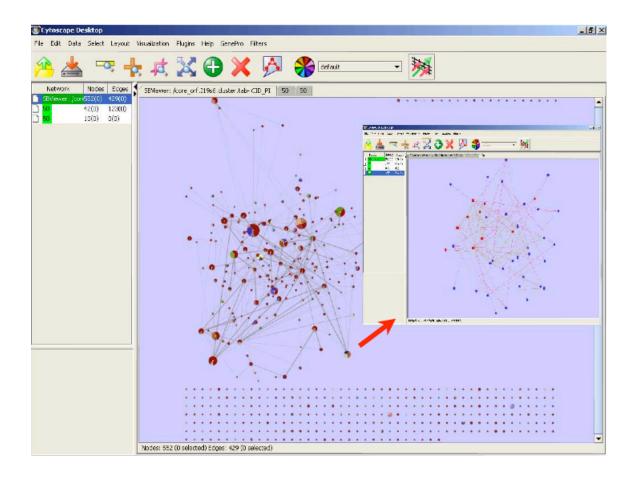


Figure S3. Screenshot of Cytoscape/GenePro representation of Core protein complex network. Each node represents an individual complex. An individual complex (Predicted complex #50) is enlarged in inset. Red indicates members of the complex while blue indicates neighbours of degree one.

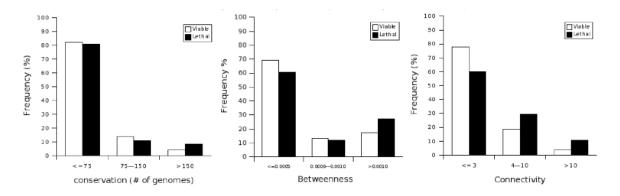
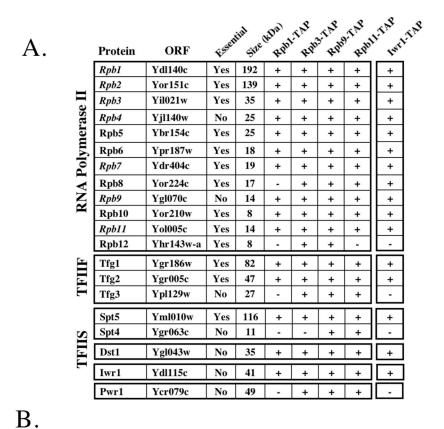


Figure S4. Essential genes are more conserved, connected and have more betweenness than non-essential genes



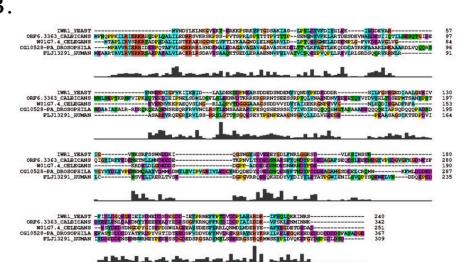


Figure S5. A. Summary of purifications using tagged Iwr1 and tagged unique subunits of RNA polymerase II. B. Amino acid alignment of Iwr1 (Ydl115c) sequence from various species.