

Yeast ORFan Gene Project: Module 8 Worksheet

Genetic and Physical Interactors and Expression Data

GeneMania

Co-expression Network Graphic:

Co-expression Relevant Genes and Their Functions:

Physical Interaction Network Graphic:

Physical Interaction Relevant Genes and Their Functions:

Genetic Interaction Network Graphic:

Genetic Interaction Relevant Genes and Their Functions:

Shared Protein Domains Network Graphic:

Shared Protein Domains Relevant Genes and Their Functions:

Co-localization Network Graphic:

Co-localization Relevant Genes and Their Functions:

Pathway Network Graphic:

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Pathway Relevant Genes and Their Functions:

Predicted Network Graphic:

Predicted Relevant Genes and Their Functions:

Other Network Graphic:

Other Relevant Genes and Their Functions:

Is there a pattern to the types of genes or pathways that your gene of interest consistently interacts with, is expressed with, or shares regions with (if so, what are they)?

***Saccharomyces cerevisiae* Genome Database: Interactions Tab**

Interaction Network Maps:

Is there a pattern to the types of genes or pathways that your gene of interest consistently interacts with (if so, what are they)?

What do you think these data combined could mean for the function of your protein?

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SPELL – *S.*

cerevisiae

Microarray Data Table:

Is there a pattern to the types of genes or pathways that your gene of interest consistently interacts with (if so, what are they)?

What do you think these data combined could mean for the function of your protein?

GO Term Enrichment Data:

Is there a pattern to the types of genes or pathways that your gene of interest consistently interacts with (if so, what are they)?

What do you think these data combined could mean for the function of your protein?