Coexpression Module-worksheet

1. For the top ten ORFs coexpressed with your proto-gene, how many are canonical ORFs (ie annotated genes)?

2. What is the canonical gene most coexpressed with your proto-gene? Use SGD to see what functions this gene is involved in.

3. What is the noncanonical ORF most coexpressed with your proto-gene? Where is this ORF located in the genome?

4. What does the coexpression network for your proto-gene look like at a coexpression threshold of >0.8? What about >0.9? Is it primarily canonical or noncanonical ORFs? Or both? Include a picture of the network at both thresholds.

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5. What are the top biological processes that genes coexpressed with your proto-gene are involved in?