

# Yeast GUF/ORFan project: Investigating gene function in *S. cerevisiae*

An occasional newsletter of information and resources for participants in the NSF RCN-UBE networking project (funding concluded August 2022) Investigating gene function in yeast. <http://www.yeastorfanproject.com/>

News/information in this issue:

12/2022

## I. Last workshop completed

## II. A name change...

## III. Assessment information

## IV. Network resources available!

-lots of materials available for your courses-see

below for the full list

## V. Please send presentations/publications info

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### I. Final Workshop

The 2022 workshop was held June 13-18, 2022 on the Newark campus of Ohlone College with Laurie Issel-Tarver hosting. A successful week with beautiful weather!

### II. A name change

We have often referred to the network as the ORFan/GUF (genes of unknown function) network. Now that the funding period has ended, the network name will officially change to the GUF/ORFan project. This is a more accurate description, as many of the genes of unknown function in yeast are not ORFans.

### III. Assessment Information

This is the final semester for assessment through the grant. Reminder to have your students do the post-test if you are using the assessment tools. <http://www.yeastorfanproject.com/assessment/>

The pre- and post-assessment test questions will be made available for those who would like to use them in their courses.

### IV. Network resources available!



Remaining grant funds were used to pre-pay items and to purchase libraries and reagents. The following resources are available. Send requests to Jill Keeney ([keeney@juniata.edu](mailto:keeney@juniata.edu)) and include your address for USPS mailing.

- Primers for your courses (from IDT technologies). For making deletions, tagging ORFs. (Don't hesitate; the IDT card is well funded)
- PCR beads-get 'em while they last!
- Mitochondria and vacuole fluorescent stains, red and green for both.
- Strains from the *MAT* alpha deletion strain collection and the gateway galactose inducible tagged plasmid collection (in *E. coli*) are available.
- Deletion library pools for your screening project-10 pools are available.
- Pages charges to micropublications-get your submissions in! (funds for 10 publications)
- RNA-Seq data (from Wright labs). We submit cells. Wright labs will perform the RNA-seq pipeline including bioinformatic analysis. Wright labs staff will tutor undergraduates on the bioinformatics pipeline for interested students. (analysis for ~90 samples available). Email Jill Keeney with your project ideas.

### V. Presentation/Publications?

-If you or your students have presentations or publications on genes of unknown function, please send to [keeney@juniata.edu](mailto:keeney@juniata.edu) so that I can include them in the final grant report. Please send by 12/15/2022.

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### The Yeast ORFan Project: Finding a Place for ORFans to GO

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