Depicting the S288C Transcriptome @ SGD

ICYGMB

August 2019

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SGD Saccharomyces GENOME DATABASE

Analyze | Sequence | Function | Literature | Community

search: actin, kinase, glucose

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- Genome Browser
- BLAST
- Fungal BLAST
- Gene/Sequence Resources
- Reference Genome »
- Strains and Species »
- Resources »

About SGD

The *Saccharomyces* Genome Database (SGD) provides comprehensive integrated biological information for the budding yeast *Saccharomyces cerevisiae* along with search and analysis tools to explore these data, enabling the discovery of functional relationships between sequence and gene products in fungi and higher organisms.

Try this?

Meetings

37th Small Meeting on Yeast Transport and Energetics (SMYTE)

September 11 to September 15, 2019 - Nove Hrady, Czechia

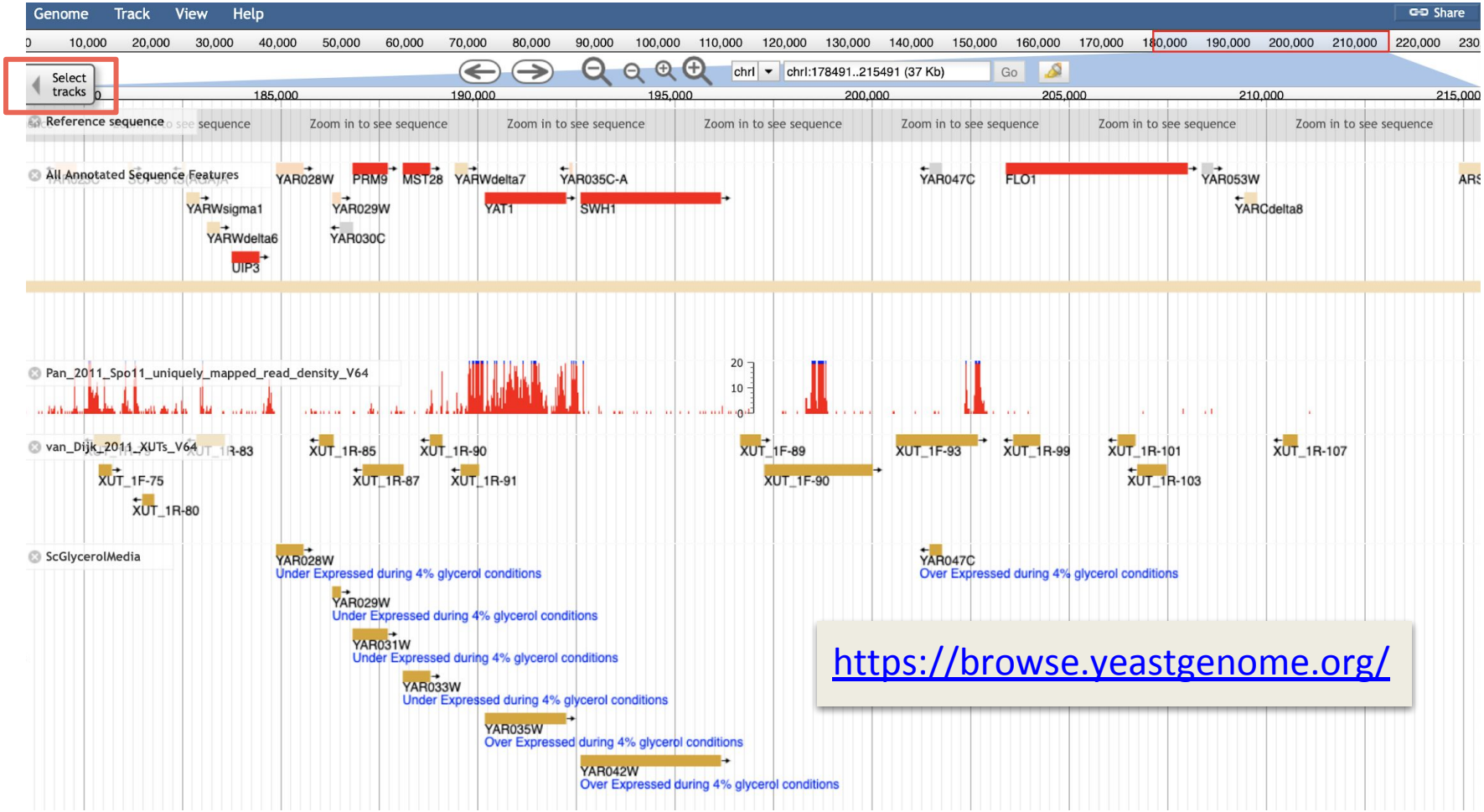
New & Noteworthy

Browse Metabolic Pathways at SGD - **August 02, 2019**

Did you know that SGD has over 200 curated biochemical pathways for you to explore? SGD's

Tweets by @yeastgenome

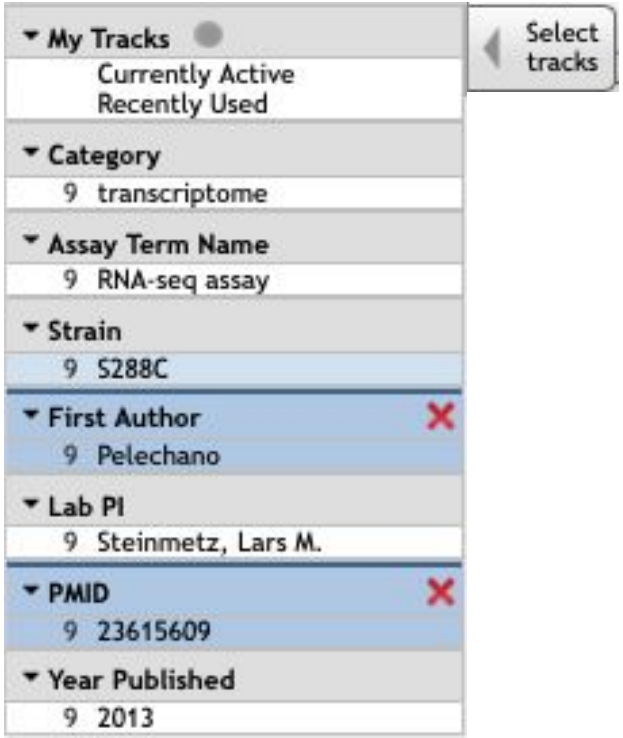
SGD Project
@yeastgenome
Last chance to submit your poster abstract for this year's most important event in #yeast #research - #ICYGMB2019! Deadline is August

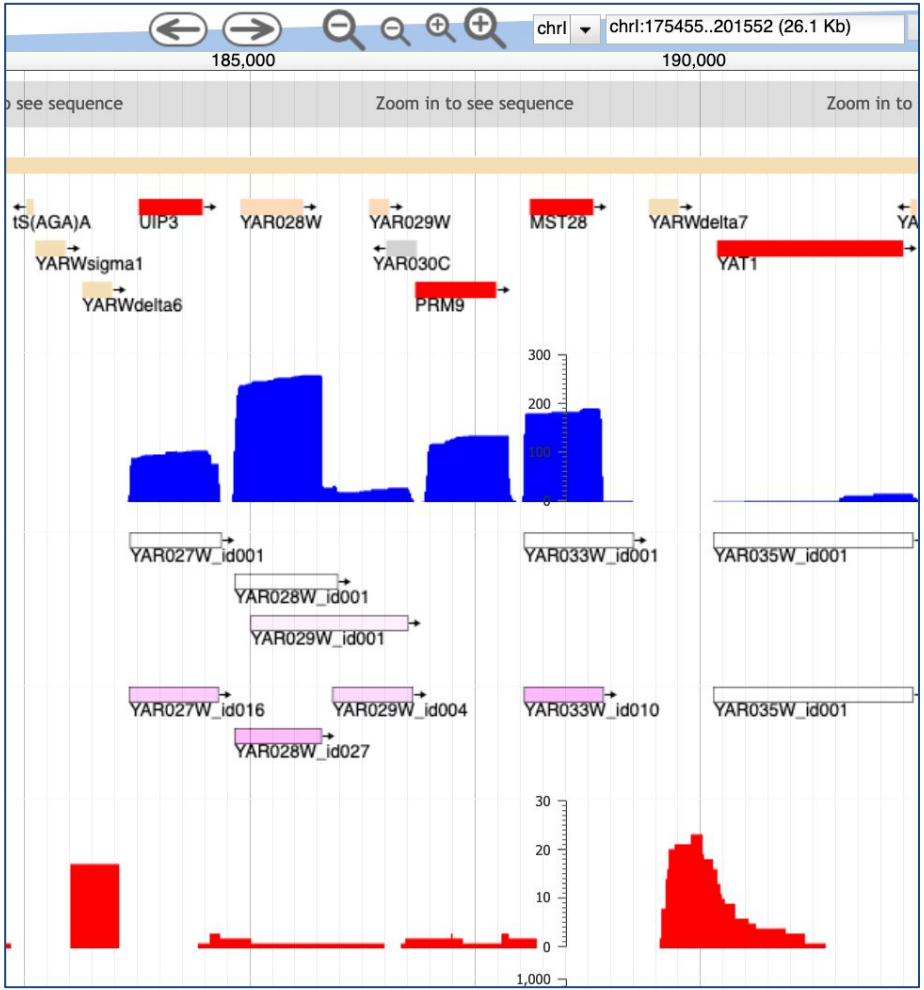


https://browse.yeastgenome.org/

Transcript Isoform Sequencing

GSE39128





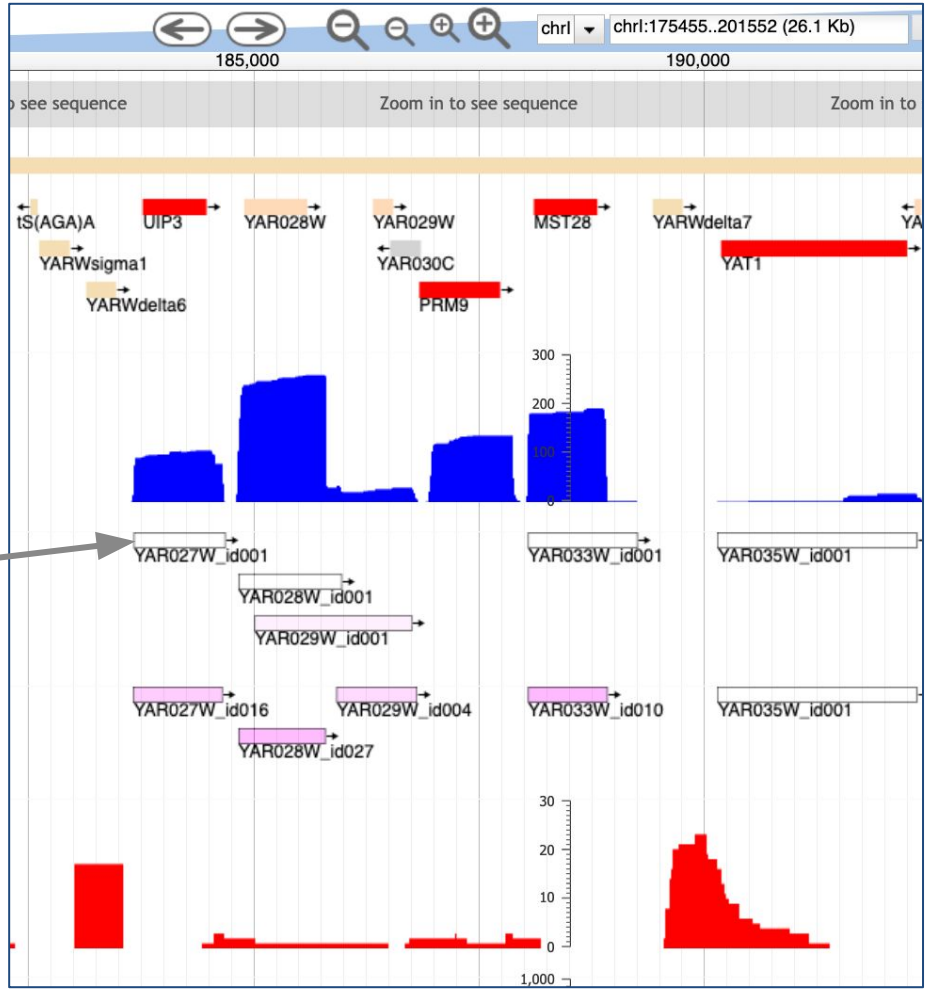
Transcripts per base

Transcript Coverage (+)

Transcript Coverage (-)

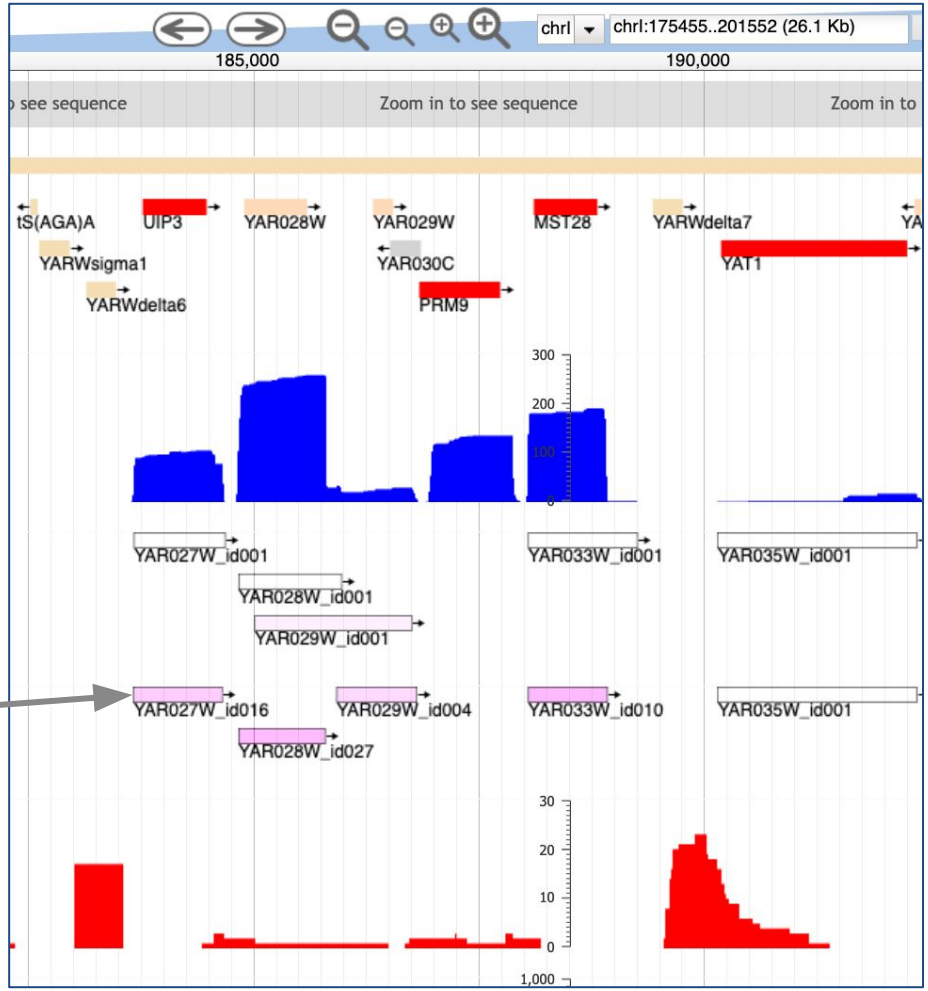
Full-ORF Filtering

Longest Transcript



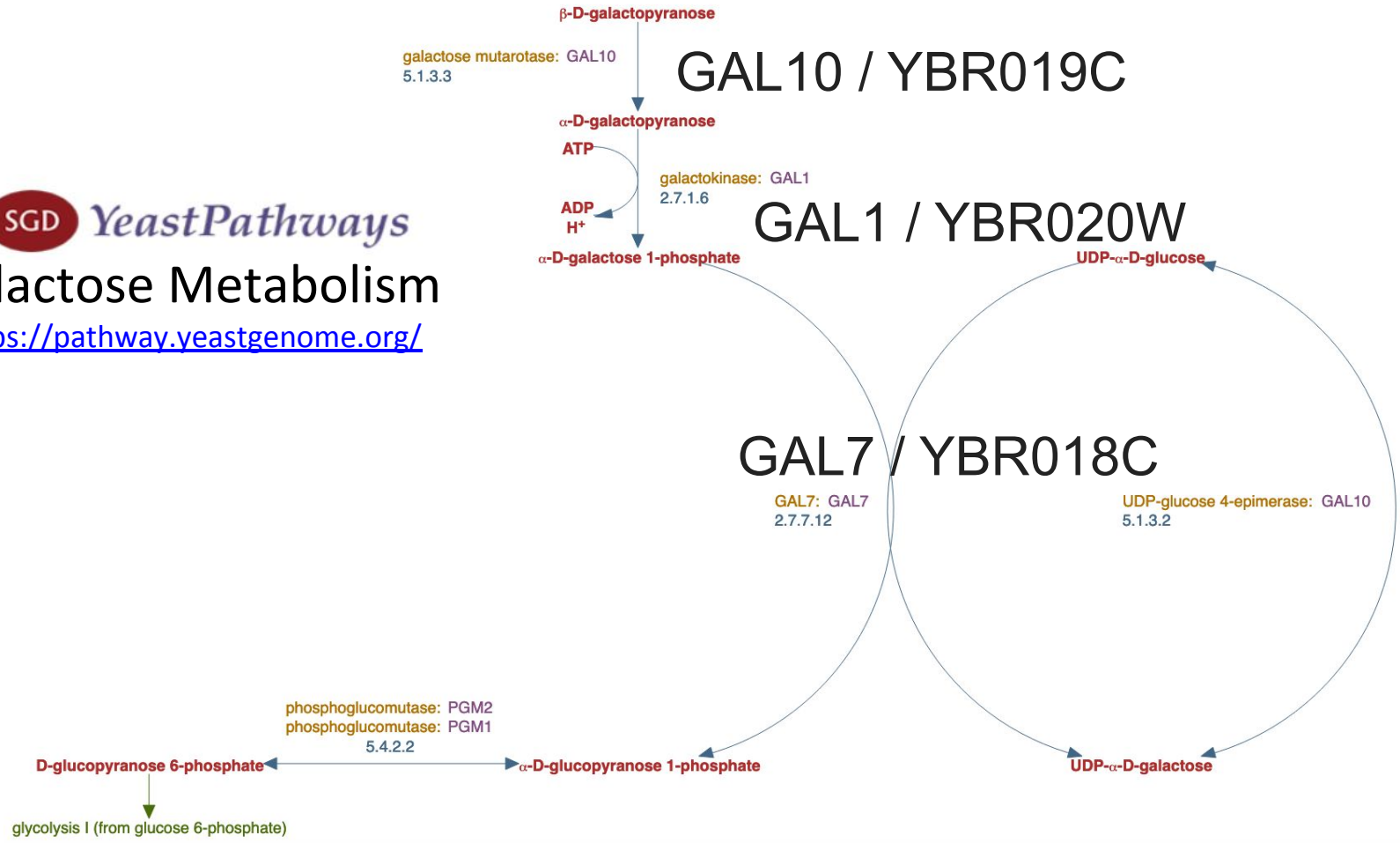
Full-ORF Filtering

Most Abundant Transcript

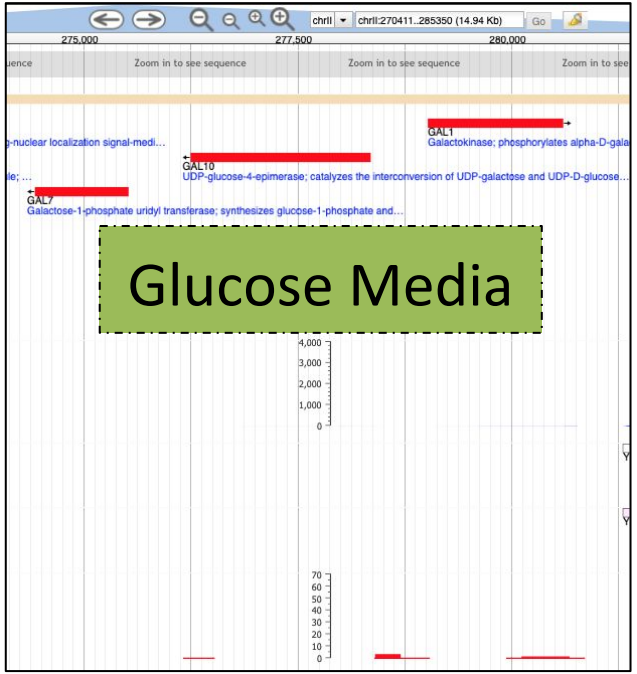


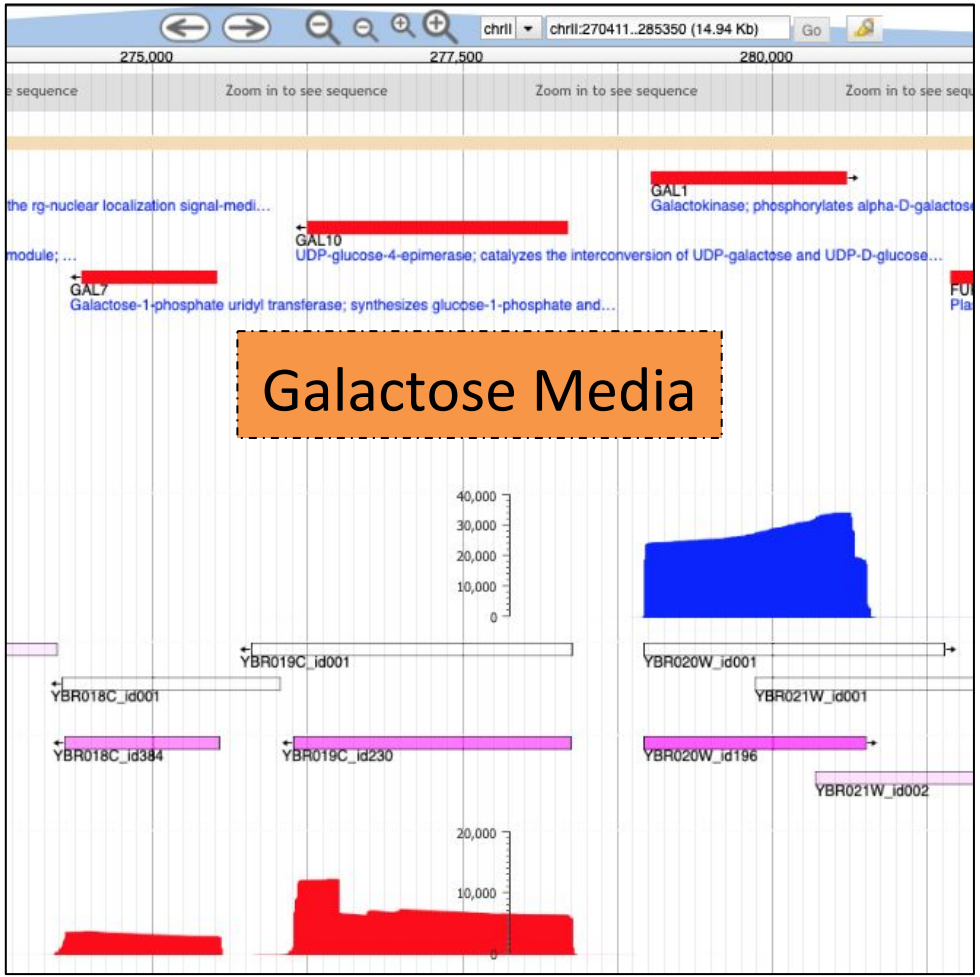
Galactose Metabolism

https://pathway.yeastgenome.org/



Galactose Inducible Cluster





Exploring the PRM9 Locus

PRM9 / YAR031W Overview

Standard Name:	PRM9 [1]
Systematic Name:	YAR031W
SGD ID:	SGD:S000000078
Feature Type:	ORF , Verified
Description:	Pheromone-regulated protein; contains 3 predicted transmembrane segments and an FF sequence, a motif involved in COPII binding; member of DUP240 gene family; PRM9 has a paralog, PRM8, that arose from a segmental duplication [1 2 3 4 5]
Name Description:	Pheromone-Regulated Membrane protein [1]
Paralog:	PRM8 [5]
Comparative Info:	Integrated model organism details available at the Alliance of Genome Resources website

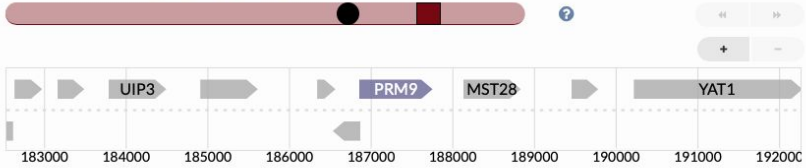
Sequence

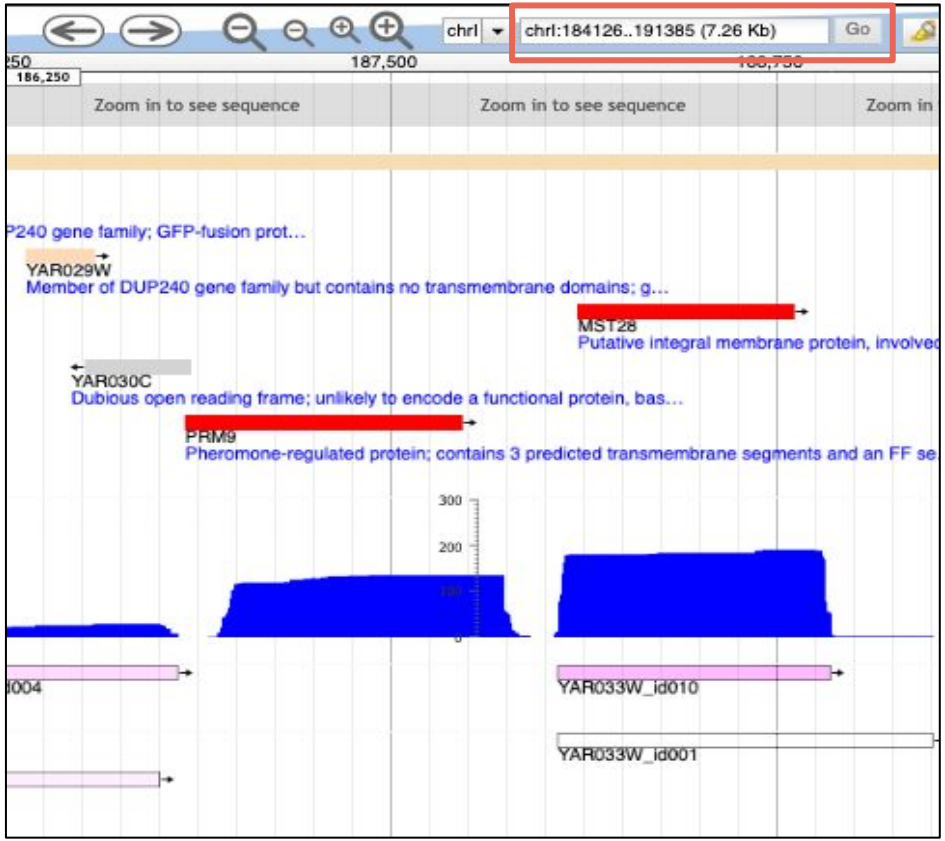
Sequence Details

Download (.fsa)

View in: JBrowse

PRM9 Location: Chromosome I 186836..187732

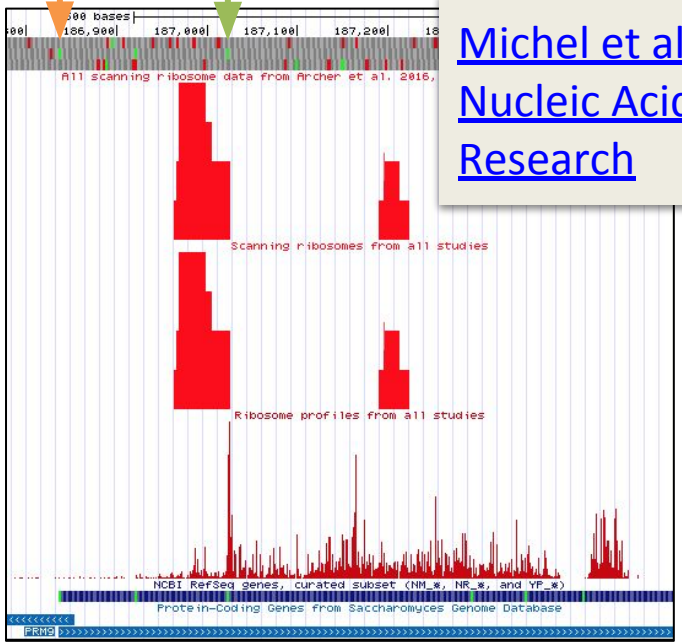




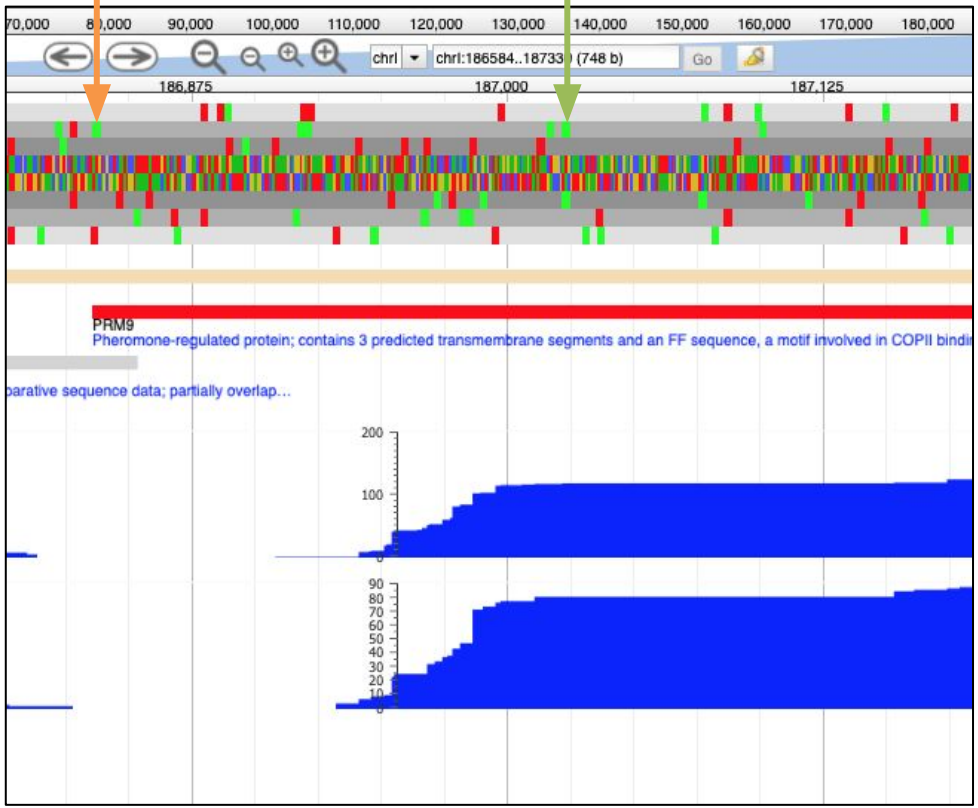
Exploring the PRM9 Locus

GWIPS VIZ
Genome Wide Information on Protein Synthesis

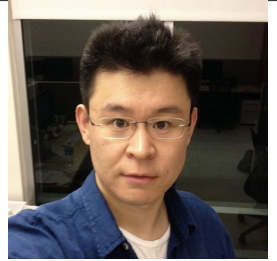
UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh



[Michel et al (2014) Nucleic Acids Research]



Thank you!



SGD Website
yeastgenome.org

Questions/Comments
sgd-helpdesk@lists.stanford.edu

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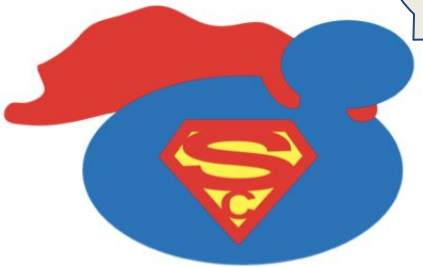
Download the track files!