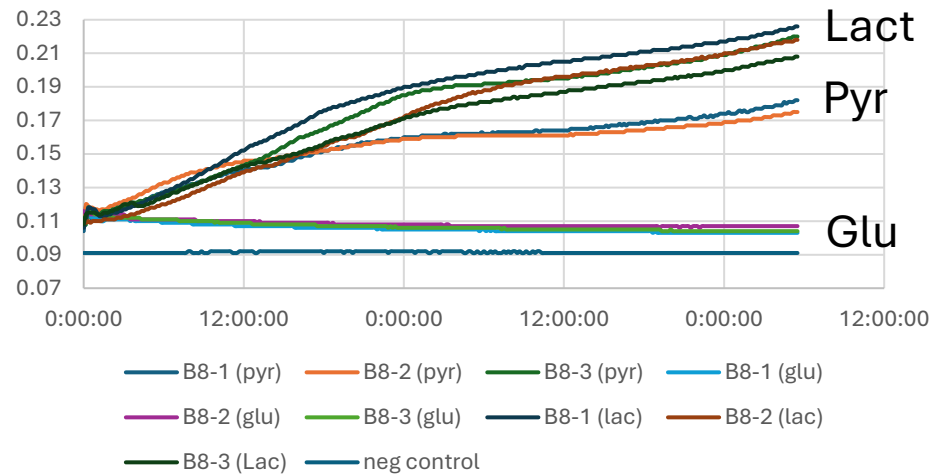


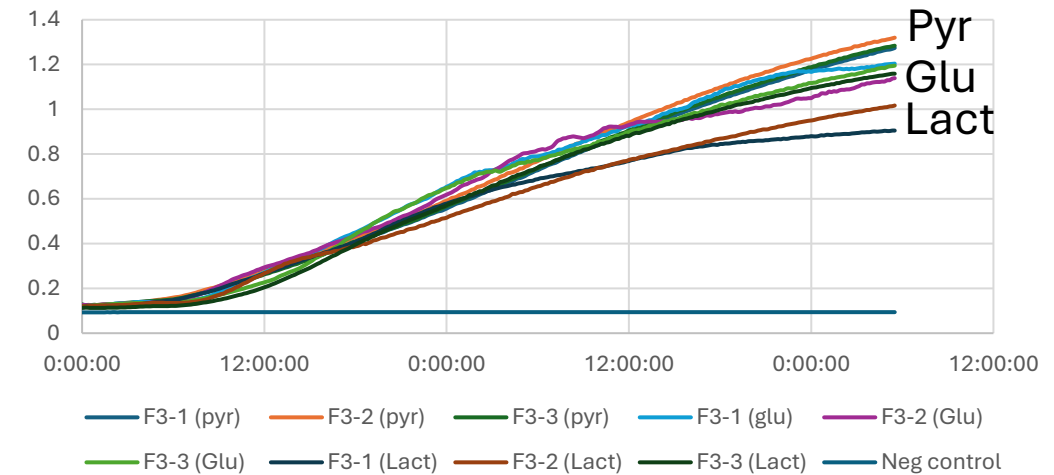
# Experiments – March 2025 – Kendall Hughes

- We used ATCC Media 1047 for these growth experiments
- (downside is that this is undefined in terms of including actual seawater; though we anticipate being able to recapitulate the results on MBM (Moran lab), we have yet to confirm)
- B08 and C03 *Roseovarius* do not grow on glucose as a sole carbon source; they do utilize lactate and pyruvate

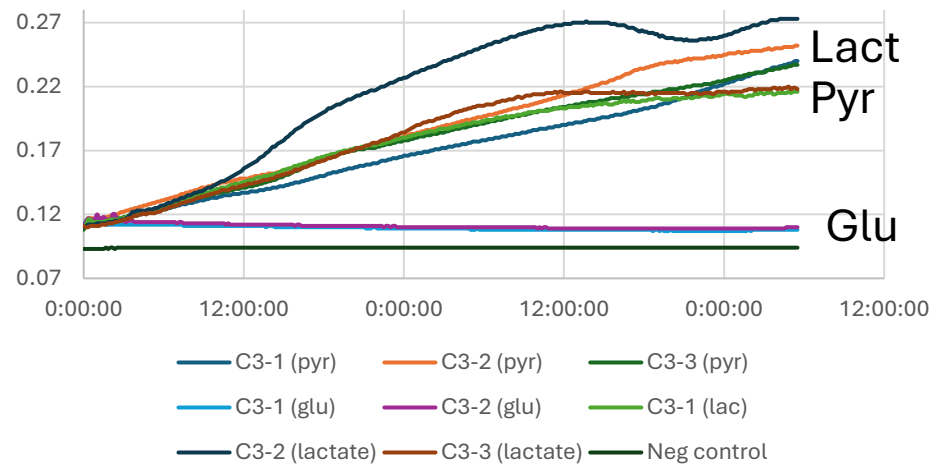
B8 - OD600 versus time (hours)



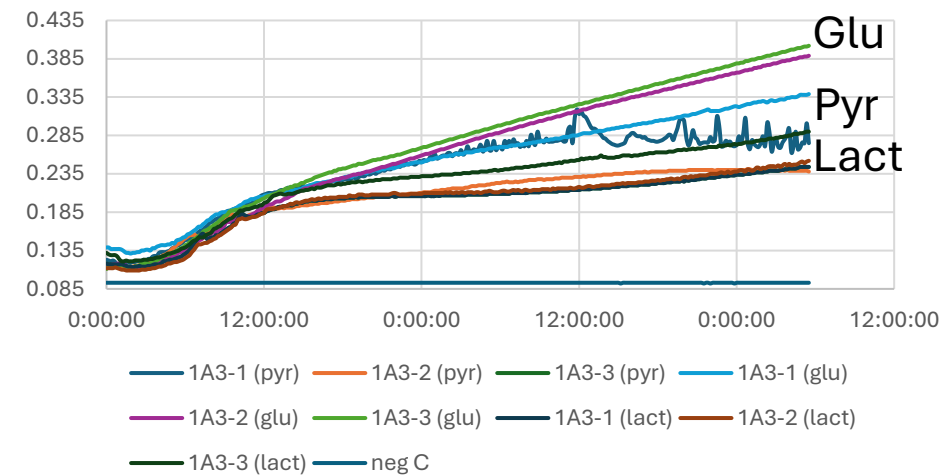
F3: OD 600 versus time (hrs)



C3: OD 600 versus time



Hot1A3: OD600 versus time (hrs)



ATCC Marine Media; Only nitrogen source is NO<sub>3</sub>

# Experiments – Franzi

- Used reconstituted media components
- Strains grow best when given a carbon source (pyruvate) AND an amino acid (Pro, Gln, or Ala)

Hot1a3

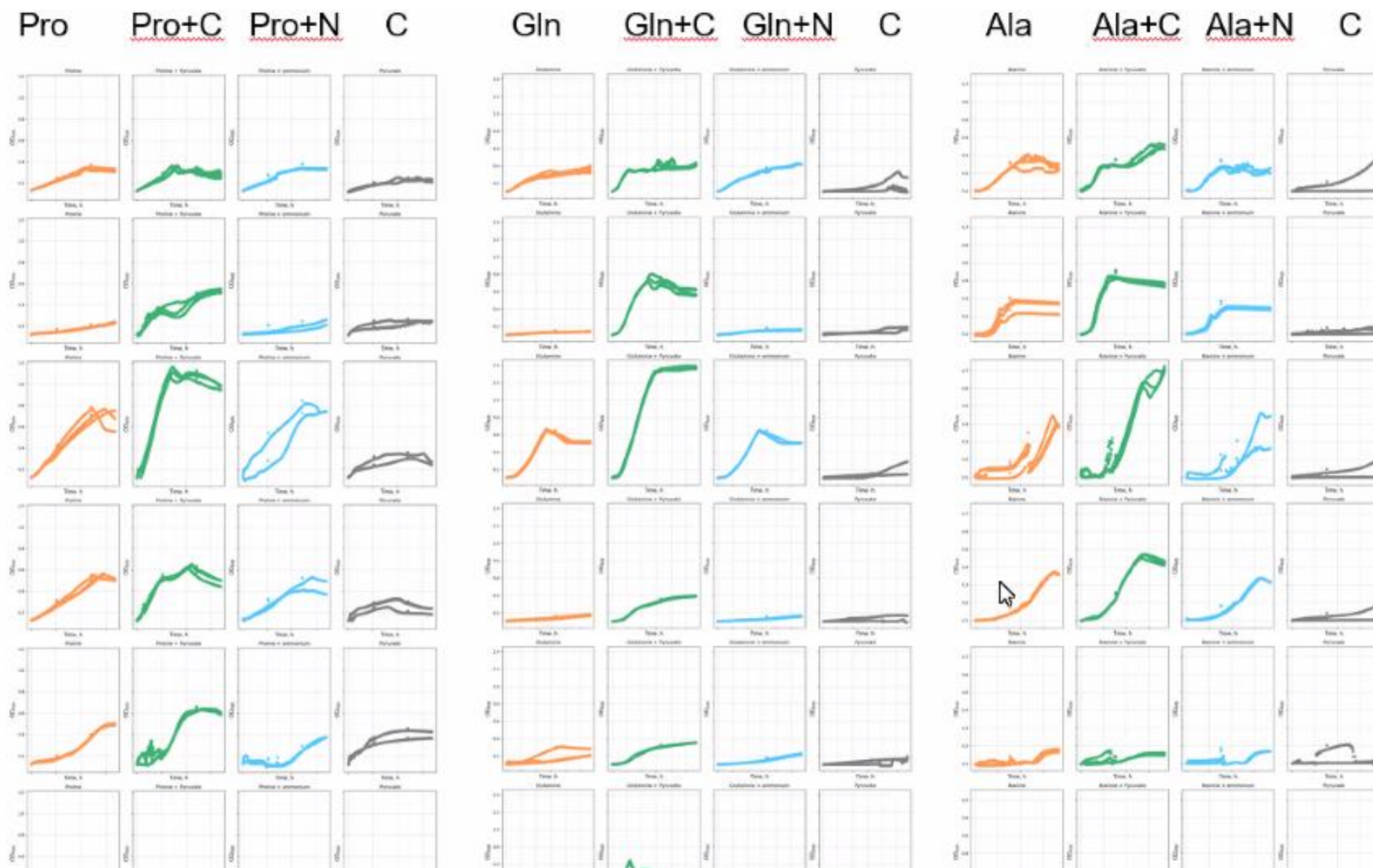
26499

F3

C3

B8

27126



# Observations

- B8/C3 do not grow on glucose
- F3 does grow on glucose
- Next try out Mary Ann Moran lab media