

6.1.12

Objectives

- Sync AML-283 x2
- Check on 30C HSs
- Maintain worms
- Check if AML-284 cross worked
- Cross AML-284 again
- Check if AML-283 cross worked
- Let AMP dry on LB plate
- Seed more 6cm and 10cm plates
- 20ml O/N OP50-GFP

Observations

- Heat shock AML-283
 - None of the heat shocks worked - no males found on any plates - could either be that males aren't present or still too small to see - will wait one more day and see
 - Jun has offered to try a HS at 37C - will need to check on Thursday
 - Will need to try HS at 30C again but for 6 hours
- AML-283 cross
 - Single male found and crossed on Friday was unsuccessful - no males found on plate
- Maintenance AML-283: additional 4 plates set up for maintenance
 - No males on any 5 of the maintenance plates
- AML-284 cross
 - Successful - at least 12 males found including on plate the original male was found on
 - Two additional crosses were set up with the males that were found
- Maintenance AML-284: 4 plates set up in case higher numbers are necessary in the future if AML-283 continues to be unsuccessful
- Very low amount of eggs observed during sync of AML-283 today - even with 20 worms I had to leave for 2hrs instead of just 1hr

Tuesday

- Put streaked OP50-GFP into fridge
- Put OP50 ON into fridge
- Sync AML-283 x2-3
- Try 30C heat shock again for 6hrs (start after German class)
- Re-streak OP50-GFP

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