

# 20.11.19

## Objectives

- Test run of AML-283
- Check 4mm seeded plates
- Check synched AML-283/284 growth
- Check other plates -> pick

## Observations

- Both AML-283 and AML-284 are slow growing and slow laying
  - Might be from fluorescent protein
  - New synching conditions:
    - 15-20x gravid adults needed for egg laying
    - try growing synched eggs for 72hrs
- AML-284 from starved plate were mostly dauers which is why picking and egg laying were difficult
  - picked a new AML-284 plate
  - 2 egg-layers found on synching plate as well as about 20 eggs so will try my luck for Friday

## Microscope testing

- Used adult worms from chunked AML-283 plate for both test runs
- Distance of 2cm from lawn too far -> about 1cm from the center is enough
- Will try using smaller volume when seeding next time (e.g. 2.5-3ul) - would give more leeway to start the recording and fit screen better
- Test plate 2:
- Gain = 0.8
- worms didn't go directly onto lawn once released from M9
- only 6 worms in total (1 on left and 5 on right) - couldn't find any more worms on lawn plate for some reason and was worried M9 would dry
- pressed recording button too late because of having to change folder -> keep window open and ready in the corner!
- 3 worms managed to reach the patch

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