

Leia Jiang 4/23-4/24

SATURDAY, 4/23/2022

- Redoing PCR for ampD, this time multiplying Mastermix quantities by 4 instead of 3:
- Mastermix:
 - Phusion buffer (40 uL each)
 - dH2O (130uL each MM)
 - Primer Forward (10 uL each)
 - Primer Reverse (10 uL each)
 - dNTPs (4 uL each)
 - DMSO (6 uL each)
 - Phusion polymerase (2 uL each)
- Each PCR tube:
 - Template (1 uL, NOT IN - CONTROLS)
- PCR extension time: 30 s

SUNDAY, 4/24/2022

- Loaded PCR products onto gel
 - Leia - Top left of rightmost gel (UF, UR, DF, DR, U-, D-)
 - Jeffrey - Top right of rightmost gel (UF, UR, DF, DR, U-, D-)



- Whole-cell PCR:
 - 81 uL dH2O

- 30 uL Phusion buffer
- 7.5 uL Upstream Forward ACIAD2049 primer
- 7.5 uL Downstream Reverse ACIAD2049 primer
- 3 uL dNTPs
- 4.5 uL DMSO
- 1.5 uL Phusion polymerase
- 5 uL template (ADP1-ISx, TDK1, TDK2) in each reaction tube