

4/23/22 - 4/24/22

SATURDAY, 4/23/2022

PCR- Master Mix

- 30 µL of Phusion HF buffer
- 3 µL of mM dNTPs
- 7.5 µL Forward Primer
- 7.5 µL Rverse Primer
- 1.5 µL Phusion DNA polymerase
- 4.5 µL DMSO
- 93 nuclease free water

PCR- Master Mix

- 30 µL of Phusion HF buffer
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- 7.5 µL Forward Primer
- 7.5 µL Rverse Primer
- 1.5 µL Phusion DNA polymerase
- 4.5 µL DMSO
- 93 nuclease free water

ACIAD2257 Upstream Annealing Temp- 63°

ACIAD2257 Downstream Annealing Temp- 62°

Leia

- 64 both

Sai

- 64up
- 66 down

marissa

- 61
- 64

SUNDAY, 4/24/2022

Gel Electrophoresis

Top Gel=1

Bottom Gel =2

Keaton's Gel Electrophoresis

- Left side of gel 1
- Left : Ladder-U1-U2-C1-D1-D2-C2 : Right

Sai's Gel Electrophoresis

- Right side of gel 1
- Leftv : Ladder-C1-U1-U2-C2-D1-D2 : Right

Marisa's Gel Electrophoresis

- Left Side Gel 2
- Left : Ladder-C1-U1-U2-U3--D1-D2-D3-C2 : Right

Whole Cell PCR

- 30 µL of Phusion HF buffer

- 3 μ L of mM dNTPs
- 7.5 μ L Forward Primer
- 7.5 μ L Rverse Primer
- 1.5 μ L Phusion DNA polymerase
- 81 μ L water
- 4.5 μ L DMSO
- 5 μ L cells

Gel

Left- Ladder-U1-U2-C1-D1-D2-C2-ISX(L)-TDK1(L)-TDK2(L)-ISX(K)-TDK(K)-TDK(K) - Right

Up = 66

- 31 uL water
- 10 uL phusion buffer
- 2.5 uL forward
- 2.5 uL Reverse
- 1.5 uL DMSO
- 1 uL 10mM ddntp's
- .5 uL Phusion
- 1 uL Template

Down = 65

- 31 uL water
- 10 uL phusion buffer
- 2.5 uL forward
- 2.5 uL Reverse
- 1.5 uL DMSO
- 1 uL 10mM ddntp's
- .5 uL Phusion
- 1 uL Template