

# Leia Jiang 4/2-4/3

SUNDAY, 4/3/2022

## Primer design:

Gene: ampD

Up Flank Location, Forward Primer: CGGTCACATCTTTGGTGAGTACA

Up Flank Location, Backward Primer: ATGCGGTCTCACGTTTCGTCTCAGACctGATGCTTGATTCCCTCATTGACG

Down Flank Location, Forward Primer: GCATGGTCTCAGCTGCGTCTCAGGTCTCGACTTTGTGTTTAGCCGTAGG

Down Flank Location, Reverse Primer: CAAGACAATGACACGCGCTG

## PCR Results (top gel):

Well 1: DNA Ladder

Well 2: Upstream Forward

Well 3: Upstream Reverse

Well 4: Downstream Forward

- 1000 bp bar

Well 5: Downstream Reverse

- 1000 bp bar

Well 6: Negative Control Upstream

Well 7: Negative Control Downstream

