

## PCR WORKSHEET

DATE: \_\_\_\_\_

INITIALS: \_\_\_\_\_

1. Turn on PCR machine and begin dwell. Remove PCR kit from freezers, including TAQ and primers. Place in rack in UV hood.
2. Remove Template tubes from -70 C. Thaw on bench top (not in UV hood).
3. Label 0.5 uL tubes, and MM tube.
4. Make MM in UV hood.

MM recipe:

<p>_____ uL * _____ = _____ uL PCR H<sub>2</sub>O</p> <p>5 uL * _____ = _____ uL 10X buffer</p> <p>4 uL * _____ = _____ uL dNTP's</p> <p>2 uL * _____ = _____ uL primer _____</p> <p>0.3 uL * _____ = _____ uL TAQ</p>	<p>2 uL DNA = 34.7 uL H<sub>2</sub>O</p> <p>1.5 uL DNA = 35.2 uL H<sub>2</sub>O</p> <p>1.0 uL DNA = 35.7 uL H<sub>2</sub>O</p> <p>0.5 uL DNA = 36.2 uL H<sub>2</sub>O</p>
--	---

5. Put away PCR kit in freezer.
6. Pipet MM into sample tubes.

Number	Name	DNA	MM
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____

7. Add template to appropriate tube.
8. Vortex tubes, and spin down briefly.
9. Put samples in thermocycler, and begin program.

Program: \_\_\_\_\_ Annealing Temp. \_\_\_\_\_