

8/20/08 PCR - CHECK NEW pBAD GENES, LIGATIONS COLONIES

2x GOTAG M.M. - $12.5 \times 8 = 100$
 P_F - $0.5 \times 8 = 4$
 P_R - $0.5 \times 8 = 4$
 H₂O - $11.5 \times 8 = 92$
25 μ l ADD 25 μ l TO
 EACH WELL

8/21/08 PCR - NEW PGS COMPLETE PRIMERS

→ cDNA GIGAS GILL 24h. VE2 3/27/08 (VE1 BROKEN!)

→ STEVEN RAN
 SAMPLES → NOTHING.

CDNA - 0.5
 A10x PCR Buff - 5 \times 2.5 = 12.5
 P_F - 0.5 \times 2.5 = 1.25
 P_R - 0.5 \times 2.5 = 1.25
 (10 μ M) dNTPs - 1 \times 2.5 = 2.5
 AmpliTaq - 0.25 \times 2.5 = 0.5
 H₂O - $\frac{42}{50\mu\text{l}}$ \times 2.5 = $\frac{105}{50\mu\text{l}}$
 ADD 49.5 μ l
 TO EACH TUBE

8/22/08

ISOLATE RNA FROM N. CLAM HEMOS.

PCR - GIGAS ~~GILL~~ PROSTAGLANDIN

TEMPLATES: 5' RACE
 3' RACE
 GIGAS GILL 24h. VE2 3/27/08
~~GIGAS GILL 24h. C1 3/27/08~~
 H₂O

PRIMERS: PGS COMPLETE P/R
 GIGAS PROSTAGLANDIN F/R
 GIGAS COR 5'/3' RACE

CDNA - 0.5
 2x GOTAG - $12.5 \times 6 = 72.5$
 P_F - 0.5 \times 6 = 3
 P_R - 0.5 \times 6 = 3
 H₂O - $\frac{11}{25\mu\text{l}}$ \times 6 = $\frac{66}{25\mu\text{l}}$
 ADD 24.5 μ l TO
 EACH WELL