5. heat @ 72 for 10min

4. Dilute to 100µL. Store @ -20 in Macs PCR reagents box.
   ↑ 10mM Tricine EDTA buffer

* (11) ~~12~~ 9

					(380)
PCR-Grade Water	34.5	× 17	= 586.5 µL	310.5	~~414~~
10x Adv. 2 PCR buffer	5	× 17	= 85 µL	45	(55)
dNTP (10mM)	1	× 17	= 17 µL	9	(5)
50x Adv. 2 Poly Mix	1	× 17	= 17 µL	9	(5)
			41.5µL/rxn		

5. add Reagents per tables in manual (copy next page)

NOTE: 3' UPM negative control → accidentially added 3' primer (no longer a neg control)

6. NOTE: also included Sams 3', 5' RACE cDNA generated 6/19/08. This can be a pos. cDNA control since this material worked for COX ~~RACT~~ RACE amplification

* 11 ~~Samp~~ rxns prepared (GSP1 = Reverse, 5') (GSP2 = forward, 3')

1. Sams 5' cDNA	6. Sams 3' cDNA
2. Macs 5' cDNA	7. Macs 3' cDNA
3 5' GSP1+2 control	8 3' GSP1+2 control
4. 5' UPM control	9. 3' UPM control (added GSP2!)
5. 5' GSP1 only control	10. 3' GSP2 only control
11. extra for Vol. Recovery	

7. 94C 30sec
   72C 3min } 5 cycles

   94C 30sec
   70C 30sec
   72C 3min } 5 cycles

   94C 30sec
   68C 30sec
   72C 3min } 25 cycles

→ then 4°C forever