

## PCR for p55<sup>CNEO</sup>

### PCR REACTION :

10 x PCR buffer	2λ
MgCl <sub>2</sub> 25mM	depends on Taq polymerase
dNTP's 2.5mM	1λ
primer A (274)	5 pmol / reaction
primer B (275)	5 pmol / reaction
primer C (132)	5 pmol / reaction
Taq polymerase	Variable
DNA	1λ
milliQ H <sub>2</sub> O	up to volume 20 λ

**Primer A(sense):**5'-tgg-tgg-cct-taa-acc-gat-cc-3'

**Primer B(antisense):**5'-aga-gag-gtt-gct-cag-tgt-gag-gc-3'

**Primer C (sense):**5'-atg-att-gaa-caa-gat-gga-ttg-cac-3'

### PCR CONDITIONS:

- 1) 94.0, 3 min
  - 2) 57.0, 45 sec
  - 3) 72.0, 1 min
  - 4) 93.0, 45 sec
  - 5) 57.0, 45 sec
  - 6) 72.0, 1 min
  - 7) GOTO 4, for 29 cycles
  - 8) 72.0, 8 min
  - 9) 20.0, 1 min
- END

### PCR PRODUCT:

wt band: 450 bp  
Lox band: 500 bp  
neo band: 850 bp