

PCR for Tg 1335

PCR REACTION:

10x PCR buffer	2 μ l
MgCl ₂ 25 mM	depends on Taq polymerase
dNTP's 2.5 mM	2 μ l
Primer A	5 pmol/ reaction
Primer B	5 pmol/ reaction
DNA	1 μ l
Taq	Variable
milliQH ₂ O	Up to volume (20 μ l)

Primer A (antisense): 5' cat-ccc-tgg-gaa-tgc 3'
Position in relating gene: 659-673 pc/GENE HSTFR11

Primer B (sense): 5' gaa-gag-cga-agt-cgc 3'
Position in relating gene: 859-873 pc/GENE HSTFR11

PCR CONDITIONS:

- 1) 93.0, 3 min
 - 2) 93.0, 1 min
 - 3) 56.0, 1 min
 - 4) 72.0, 1 min
 - 5) GO TO 2, for 29 cycles
 - 6) 72.0, 5 min
 - 7) 20.0, 1min
- END

PCR PRODUCT: Transgene band 183bp