

PCR for SHP-Tg

PCR REACTION:

10x taq buffer	5µl
genomic DNA	100ng
25mM MgCl ₂	5µl
10mM dNTP	1µl
primer F (from 10mM stock)	2µl
primer R (from 10mM stock)	2µl
Taq	1µl
H ₂ O	50µl total reaction

Forward: 5`-TTGGATCCATGAGCACCAGCCAACCAGGGGCCT-3`

Reverse: 5`-ACGAATTCACCTGAGCAAAAGCATGTCCCCA-3`

PCR CONDITIONS:

- 1) 94.0, 3 min
 - 2) 94.0, 30 sec
 - 3) 55.0, 1 min
 - 4) 72.0, 1 min, back to step 2 for 38 cycles
 - 5) 72.0, 5 min (extension)
- END

PCR PRODUCT: Band at ~771 bp.