

PCR for Set9-Tg

PCR REACTION:

| | |
|----------------------------|---------------------|
| 10x Taq buffer | 5µl |
| genomic DNA | 100ng |
| 25mM MgCl ₂ | 3µl |
| 10mM dNTPs | 0.5µl |
| primer F (from 10µM stock) | 1µl |
| primer R (from 10µM stock) | 1µl |
| Taq | 0.5µl |
| H ₂ O | 50µl total reaction |

Forward: 5` - GCAGGGCCAGGGAGTTTACAC -3`

Reverse: 5` - TTCCATAAAGTGCGGTCCTC -3`

PCR CONDITIONS:

- 1) 94.0, 5 min
 - 2) 94.0, 30 sec
 - 3) 60.0, 30 sec
 - 4) 72.0, 30 sec, back to step 2 for 36 cycles
 - 5) 72.0, 1 min (extension)
- END

Tg allele PCR product: Band at ~270 bp.

