

PCR for Set9^{delta}

PCR REACTION:

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

Forward: 5` - CCAGAAGTCCATTTGCGTGTG -3`

Reverse: 5` - TGAGGTCCTGGGTTCTATTCC -3`

PCR CONDITIONS:

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

Delta allele PCR product: Band at ~223 bp.