



- a) ACTCAGTATGCAGCCCAGGT
 b) GCTAGATGCTGGGCGTAAAG
 c) GGGAACTTCCTGACTAGGG
 d) GGAGCCAGTTTCAGTTATGC

5X Buffer A	2.5 microliters
5X Buffer B	2.5
dNTP	0.5
Elongase	0.5
H2O	17.5
Mix of three primers	1
DNA*	0.5 of a 1 to 20 dilution

*0.5 cm of tail DNA purified and resuspended in 200 uL. We make a 1 to 20 dilution of this and use 0.5 ul per reaction.

We run 35 cycles of 55C for 30 sec to anneal followed by a 30 sec extension at 68C.
 WT allele : 403 bp
 Del Allele : 350 bp
 Flox Allele : 506 bp



Did not work for us.
 We used AmpliTaq (Roche) + TaqStart Ab.
 Conditions Tm 55 C 30s
 extension 68C 30s
 35 cycles.