

PCR CD9

1- PCR mix

2,50 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl₂)
 0,25 µl dNTP (20 mM total)
 0,20 µl primer CD9F (200 ng/µl)
 0,20 µl primer CD9R (200 ng/µl)
 0,20 µl primer CD9KOF (200 ng/µl)
 0,20 µl primer CD9neoR (200 ng/µl)
 0,20 µl Taq polymerase (Q BIOgene ; 5U/µl)
 19,25 µl distilled water

2- PCR reaction :

23,0 µl mix
 2,0 µl DNA (200ng/µl)

3- PCR program :

5 min	94°C	35 cycles
1 min	94°C	
1 min	60°C	
2 min	72°C	
5 min	72°C	

4- Primers:

- Primer CD9F	5' TGCAGGCATGGAGGCGCAGC 3'
- Primer CD9R	5' TGCCGGCCTCGCCTTTCCC 3'
- Primer CD9KOF	5' CTGGTCACACCCCCTAACGGAGC 3'
- Primer CD9neoR	5' AGAGCTTGCGGCGGAATGGGCTGA 3'

5- Amplifications:

wild-type allele: 354 bp
 mutant allele: 550 bp