

PCR C17R

1- PCR mix

2,00 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl₂)
 0,20 µl dNTP (20 mM total)
 1,75 µl primer 1 (200 ng/µl)
 1,75 µl primer 2 (200 ng/µl)
 0,12 µl Taq polymerase (Q BIOgene ; 5U/µl)
 13,18 µl distilled water

2- PCR reaction :

20,0 µl mix
 1,0 µl DNA (200ng/µl)

3- PCR program :

5 min	94°C	35 cycles
30 sec	94°C	
30 sec	57°C	
30 sec	72°C	
5 min	72°C	

4- Primers:

- Primer D17Mit19 for 5' GAGCTGGTAAATGCTTTGGC 3'
 - Primer D17Mit19 rev 5' TTGAGTACCCCGTACTTGCC 3'

- Primer D17Mit114 for 5' GGATCCTTAGGGCTCACACA 3'
 - Primer D17Mit114 rev 5' GCCTATTTTCCAATTTGGCA 3'

- Primer D17Mit100 for 5' GTTAAGAATGATTTTCACACTACAAGA 3'
 - Primer D17Mit100 rev 5' AGCACATGTACTTACTCATATACGTGC 3'

- Primer D17Mit101 for 5' GTCCAGTTCCATGGGATCC 3'
 - Primer D17Mit101 rev 5' TTTCTCTCACAAATAGGGAGTGG 3'

- Primer D17Mit28 for 5' ACTCAGGACTCAGAATGAAGATCC 3'
 - Primer D17Mit28 rev 5' ATTCCTAGATGAAAAGTCTGTGGC 3'

- Primer D17Mit105 for 5' CCCTATAGCCTTTATCTGGGG 3'
 - Primer D17Mit105 rev 5' TGTACAACCTCTTGGGGCTC 3'

- Primer D17Mit152 for 5' CCAGTATTCTAGCTGCCCGA 3'
 - Primer D17Mit152 rev 5' GATAAAAATGAGATCAAGATGGGG 3'

5- Amplifications:

	D17Mit19	D17Mit14	D17Mit10 0	D17Mit10 1	D17Mit28	D17Mit10 5	D17Mit15 2
B6	185 pb	151 pb	123 pb	143 pb	120 pb	117 pb	132 pb
NOD	174 pb	131 pb	131 pb	151 pb	104 pb	129 pb	96 pb

	D17Mit19	D17Mit14	D17Mit10 0	D17Mit10 1	D17Mit28	D17Mit10 5	D17Mit15 2
C17R2	NOD	NOD	NOD	NOD	B6	B6	NOD
C17R76	NOD	NOD	B6	B6	NOD	NOD	NOD
C17R114	NOD	B6	B6	B6	NOD	NOD	NOD
C17R115	NOD	NOD	NOD	B6	NOD	NOD	NOD
C17R156	NOD	B6	NOD	NOD	NOD	NOD	NOD
C17R289	NOD	NOD	NOD	NOD	NOD	B6	NOD