

PCR NK1.1

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 :

19,0 µl mix
 1,0 µl DNA (200ng/µl)

3- PCR program :

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

4- Primers:

- Primer D6Mit14 for 5' ATGCAGAAACATGAGTGGGG 3'
 - Primer D6Mit14 rev 5' CACAAGGCCTGATGACCTCT 3'

- Primer D6Mit52 for 5' TAAGTCAGCCCAAGGAAGTCA 3'
 - Primer D6Mit52 rev 5' AAGGCACCTATATTTGTGCACA 3'

- Primer D6Mit135 for 5' CCTAACAGTTCAATTTGTCAGCC 3'
 - Primer D6Mit135 rev 5' CCAGCCCCCAATTTGATATA 3'

- Primer D6Mit254 for 5' AGTGTCCCTAGGGGGTGG 3'
 - Primer D6Mit254 rev 5' GGGCCTTAGAGGTAGCAAC 3'

5- Amplifications:

	D6Mit14	D6Mit52	D6Mit135	D6Mit254
B6	185 pb	151 pb	123 pb	143 pb
NOD	174 pb	131 pb	131 pb	151 pb

	D6Mit14	D6Mit52	D6Mit135	D6Mit254
NK1.1	B6	B6	B6	B6