



STRAIN NAME :

16p11-2 del

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- Primers 30µM (Eurogentec)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well
Water	6,20 µl
2X Kapa Buffer	10,00 µl
16p11delF	0,30 µl
16p11delR	0,30 µl
CIF	0,60 µl
CIR	0,60 µl
DNA	2,00 µl
Final Quantity	20,00 µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	
15 sec	65°C	35 cycles
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- 16p11delF 5' CCTGTGTGTATTCTCAGCCTCAGGATG 3'
- 16p11delR 5' GGACACACAGGAGAGCTATCCAGGTC 3'
- CIF 5' CTAGGCCACAGAATTGAAAGATCT 3'
- CIR 5' GTAGGTGGAAATTCTAGCATCATCC 3'

EXPECTED AMPLIFICATIONS

Modified allele: 500 bp
Internal control : 324 bp

Perfection date : 22/02/2013

Update :



STRAIN NAME :

16p11-2 dup

REAGENTS AND SOLUTIONS:

- Kapa Mouse Genotyping kit (Clinisciences)
- Primers 30µM (Eurogentec)
- Mineral Oil (Fisher Scientific)
- DNA (extracted with Kapa Mouse Genotyping kit)

REACTION MIX :

MIX	Quantity / well
Water	7,40 µl
2X Kapa Buffer	10,00 µl
16p11dupF	0,30 µl
16p11dupR	0,30 µl
DNA	2,00 µl
Final Quantity	20,00 µl

PCR PROGRAM:

3 min	95°C	
15 sec	94°C	
15 sec	60°C	35 cycles
30 sec	72°C	
5 min	72°C	

MIGRATION :

Migration on 1.5% agarose gel.

PRIMERS SEQUENCES

- 16p11dupF 5' ACTGCAGCCCGTCACCTAACTTCTT 3'
- 16p11dupR 5' CACTGGGAGCTGACTGGACCTTCT 3'

EXPECTED AMPLIFICATIONS

Modified allele: 461 bp

Perfection date : 22/02/2013

Update :