

KDNR PCR PROTOCOL

Oligonucleotide Sequence: 5' \diamond 3'

(188) M β Cx7 For	GATGTGCTCCAGGCTAAAGTT
(189) M β Cx7 Rev	AGAAACGGAATGTTGTGGAGT
(169) FGFR2 For	AACGGGAAGGAGTTTAAGCAG
(170) FGFR2iib Rev	GGAGCTATTTATCCCCGAGTG

PCR Mix:

Component	Volume (μ L)
Tail DNA	1.00
10x Taq Buffer	5.00
10 mM dNTP Mix	1.00
25 mM MgCl	5.00
MbCx7 For	1.50
MbCx7 Rev	1.50
FGFR2 For	1.50
FGFR2iib Rev	1.50
Taq Polymerase	0.25
ddH ₂ O	31.80
Total	50.00

Thermocycler Profile: 65-30

94 C for 1 min (initial cycle only)
 94 C for 1 min
 60 C for 2 min
 72 C for 1 min
 ----- \diamond x 30 Cycles
 72 C for 8 min
 4 C End

KDNR PCR Screening

Gel Analysis:

1% agarose gel
15 μ l per lane

Expected Results:

M β Casein Cntrl	500 bp
Transgene	380 bp