

iFGFR1 PCR PROTOCOL

Oligonucleotide Sequence: 5' \diamond 3'

(188) M β Cx7 For	GATGTGCTCCAGGCTAAAGTT
(189) M β Cx7 Rev	AGAAACGGAATGTTGTGGAGT
(515) 5rPb5UTR For	CTTGTCAGTGAGGTCCAGATACCT
(516) 2.3R1Cyt Rev	CTCCCGGAGATTGCCTTTGGAG

PCR Mix:

Component	Volume (μ L)
Tail DNA	2.00
10x Taq Buffer	5.00
10 mM dNTP Mix	1.00
25 mM MgCl	3.00
MbCx7 For	1.25
MbCx7 Rev	1.25
5rPb5UTR	5.00
2.3R1Cyt Rev	5.00
Taq Polymerase	0.50
ddH ₂ O	26.00
Total	50.00

Thermocycler Profile: iFGFR1

94 C for 1 min (initial cycle only)
 94 C for 1 min
 55 C for 2 min
 72 C for 5 min
 ----- \diamond x 30 Cycles
 72 C for 10 min
 4 C End

iFGFR1 PCR Screening

Gel Analysis:

1% agarose gel
15 μ l per lane

Expected Results:

M β Casein Cntrl	500	bp
Transgene	1200	bp