

PKS PCR PROTOCOL

Oligonucleotide Sequence: 5' \diamond 3'

(188) M β Cx7 For	GATGTGCTCCAGGCTAAAGTT
(189) M β Cx7 Rev	AGAAACGGAATGTTGTGGAGT
(146) PB+1/+28	CTTGTCAGTGAGGTCCAGATACCTACAG
(12) SV40"B"	TCTCTGTAGGTAGTTTGTCCAATTA

PCR Mix:

Component	Volume (μ L)
Tail DNA	1.00
10x Taq Buffer	5.00
10 mM dNTP Mix	1.00
25 mM MgCl	6.00
MbCx7 For	1.25
MbCx7 Rev	1.25
PB+1/+28	1.25
SV40"B"	1.25
Taq Polymerase	0.50
ddH ₂ O	31.50
Total	50.00

Thermocycler Profile: 24

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

PKS PCR Screening

Gel Analysis:

1% agarose gel
15 μ l per lane

Expected Results:

M β Casein Cntrl 500 bp