

W3CH PCR PROTOCOLOligonucleotide Sequence: 5' \diamond 3'

(188) M β Cx7 For	GATGTGCTCCAGGCTAAAGTT
(189) M β Cx7 Rev	AGAAACGGAATGTTGTGGAGT
(226) kbpaseq For	GCTGGTTGTTGTGCTGTCTCATCA
(227) Pbwnt3 Rev	GGGCATGATCTCGATGTAATTGCG

PCR Mix:

Component	Volume (μ L)
Tail DNA	0.50
10x Taq Buffer	5.00
10 mM dNTP Mix	1.00
25 mM MgCl	6.00
MbCx7 For	2.50
MbCx7 Rev	2.50
kbpaseq For	2.50
Pbwnt3 Rev	2.50
Taq Polymerase	0.25
ddH ₂ O	27.25
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 3 min

----- \diamond x 29 Cycles

72 C for 8 min

4 C End

W3CH PCR Screening

Gel Analysis:

1% agarose gel
15 μ l per lane

Expected Results:

M β Casein Cntrl 500 bp