

PKC delta

Primers:

PKCd-S1 ctg aag gct ctt tac tat tgc ttt
PKCd-S2 gcc cac agc ttc tac ttt gta ccc
PKCd-AS2 gga cct ctg cac tca gtg tta gca

Reaction:

10.0 uL : DNA/H2O in thin-wall tube

Add Master Mix (40 uL per sample)

5.0 uL : 10xBuffer

1.0 uL : 10 mM dNTP

2.5 uL : [20 uM] PKCd-S1

2.5 uL : [20 uM] PKCd-S2

5.0 uL : [20 uM] PKCd-AS2

0.5 uL : Taq (Fisher)

23.5 uL : H2O

50.0 uL Total

Cycling:

step 1: 94, 3 min

step 2: 1.5 degrees/sec to 55

step 3: 55, 45 sec

step 4: 72, 1 min

step 5: 94, 45 sec

step 6: 1.5 degrees/sec to 55

step 7: 55, 45 sec

step 8: 72, 1 min

step 9: goto step 5, 35 cycles

step 10: 72, 5 min

step 11: 4, for ever

step 12: end

Wild-type: bp

Knock-out: bp