

PKC epsilon PKC-epsilon

Primers:

PKCE-neo Forward tct cct gtc atc tca cct tgc
PKCE- Forward cat ggt agt gtt caa tgg cct tc
PKCE-Reverse cca atg ctc agg cag caa gtc

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] PKCE-neo Forward
2.5 uL : [20 uM] PKCE-Forward
5.0 uL : [20 uM] PKCE-Reverse
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: 426 bp

Knock-out: 600 bp