

15 min

6 h

Ct

TPA

β -tan
+ TPA

Sal A
+ TPA

Ct

TPA

β -tan
+ TPA

Sal A
+ TPA

MMP-9

1 10.8 0.8 5.8 1 1.1 2.1 0.6

MMP-2

1 2.9 3.2 6.6 1 1.1 1.4 0.8

Cyclin D₁

1 4 3.4 4.5 1 0.6 0.3 0.1

p16

1 0.1 0.2 0.2 1 0.3 1.3 3.6

Bax

1 0.3 0.7 0.8 1 0.7 2.3 4.2

Bcl-2

1 0.1 1 0.2 1 0.4 0.4 0.6

I κ B α

GAPDH