Figures

Figure 1

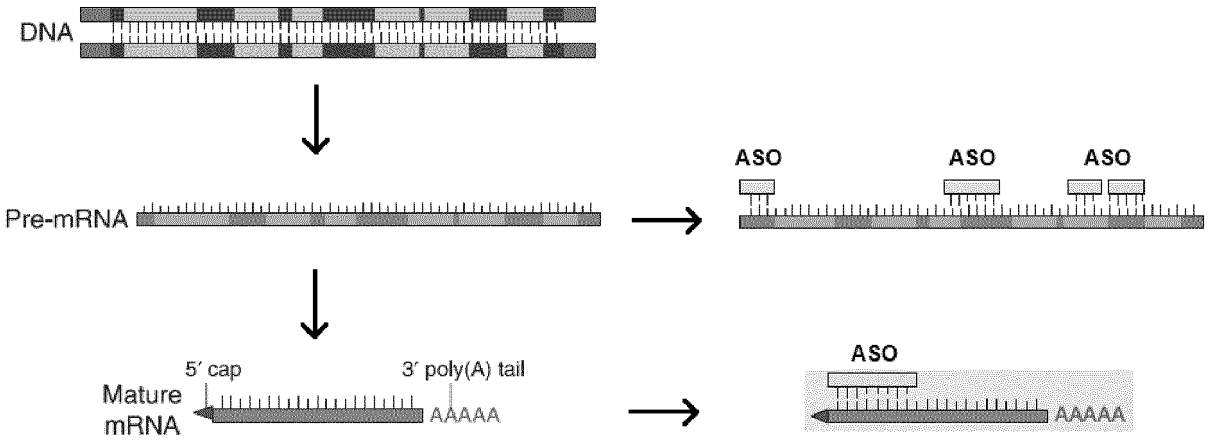


Figure 2

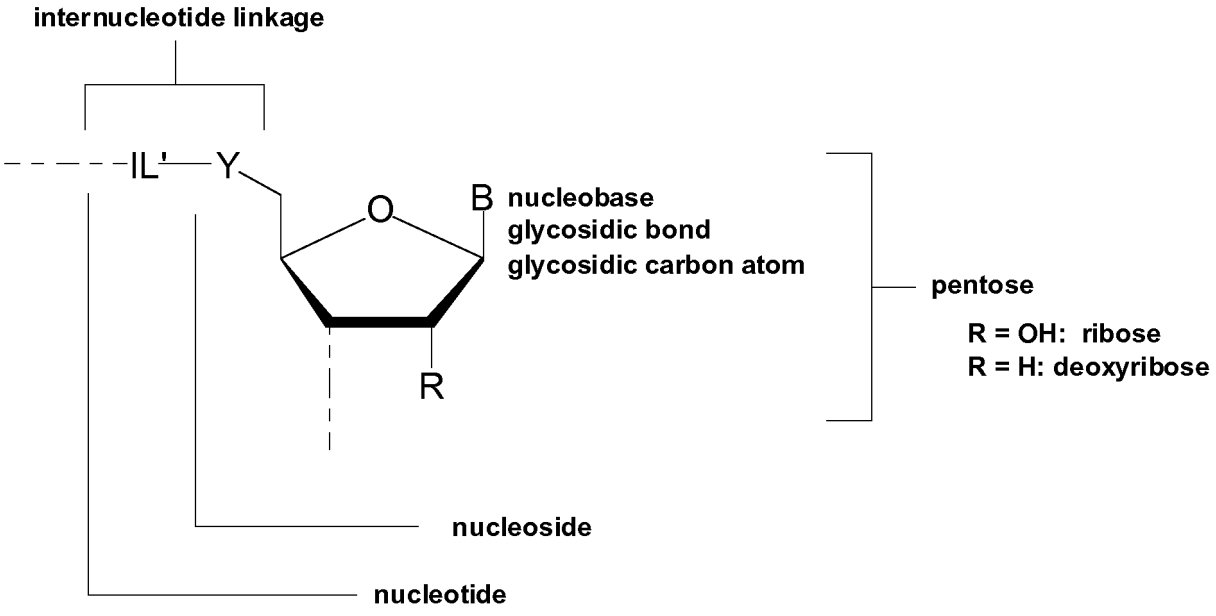


Figure 3

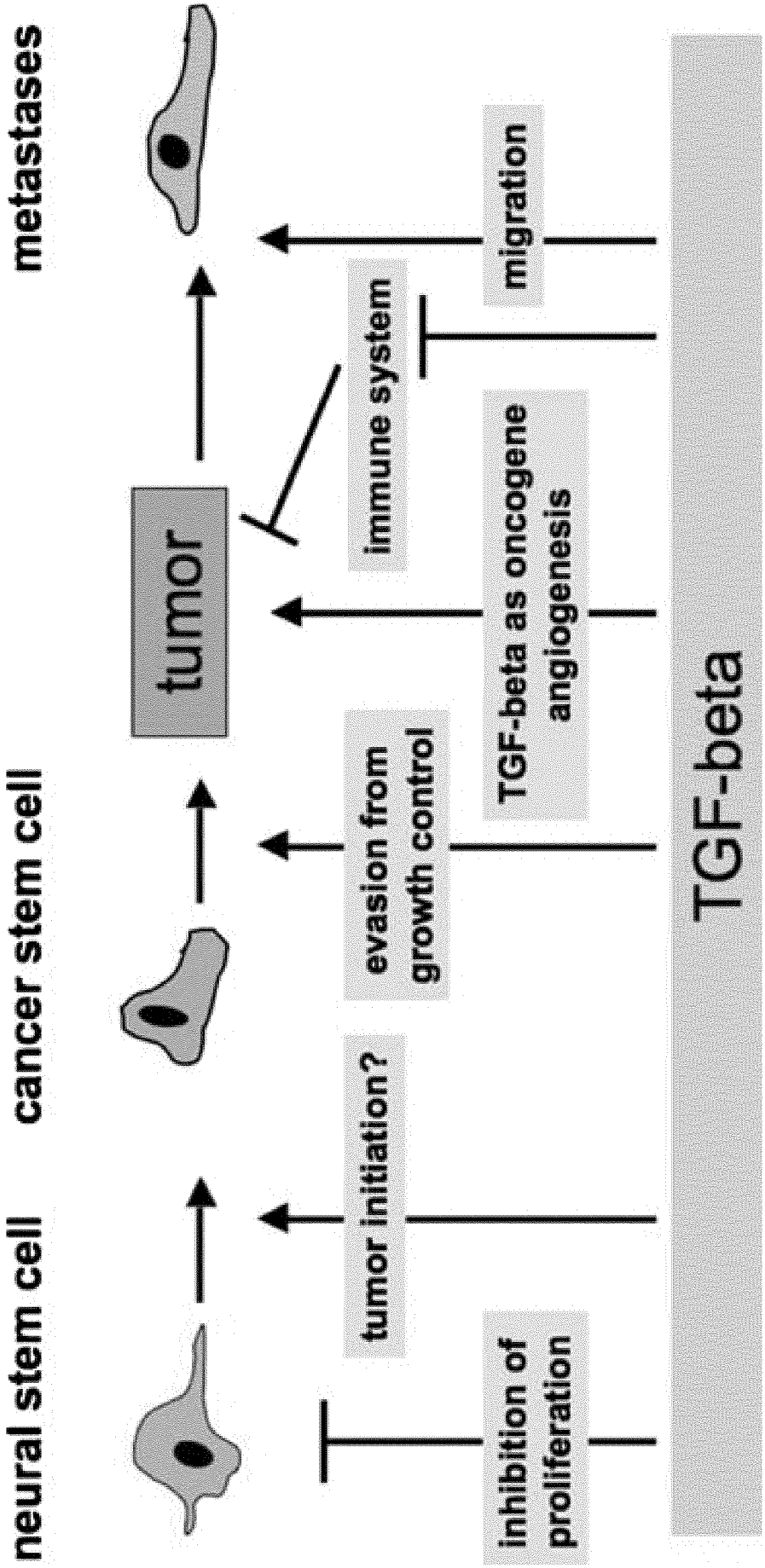

neural stem cell
cancer stem cell
metastases
tumor
tumor initiation?
evasion from growth control
TGF-beta as oncogene angiogenesis
immune system
migration
inhibition of proliferation
TGF-beta

Figure 4

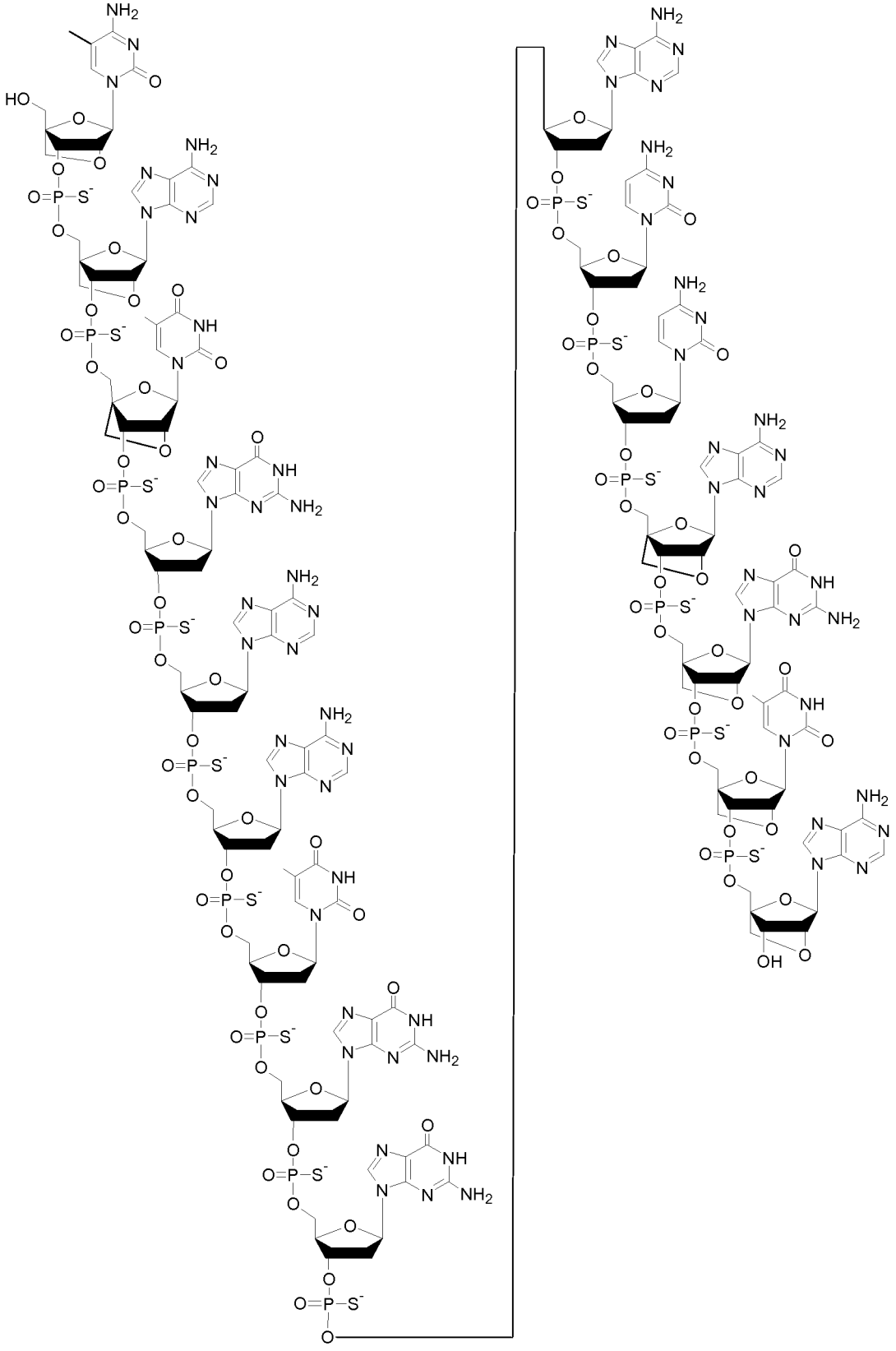


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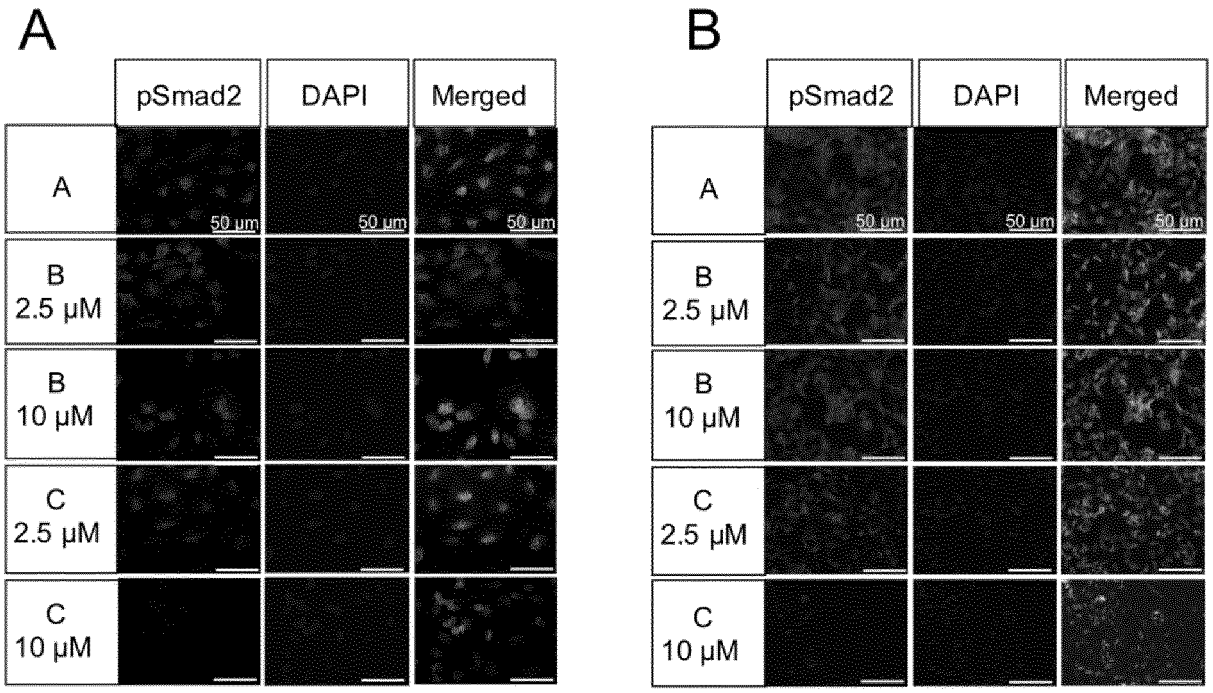


Figure 6

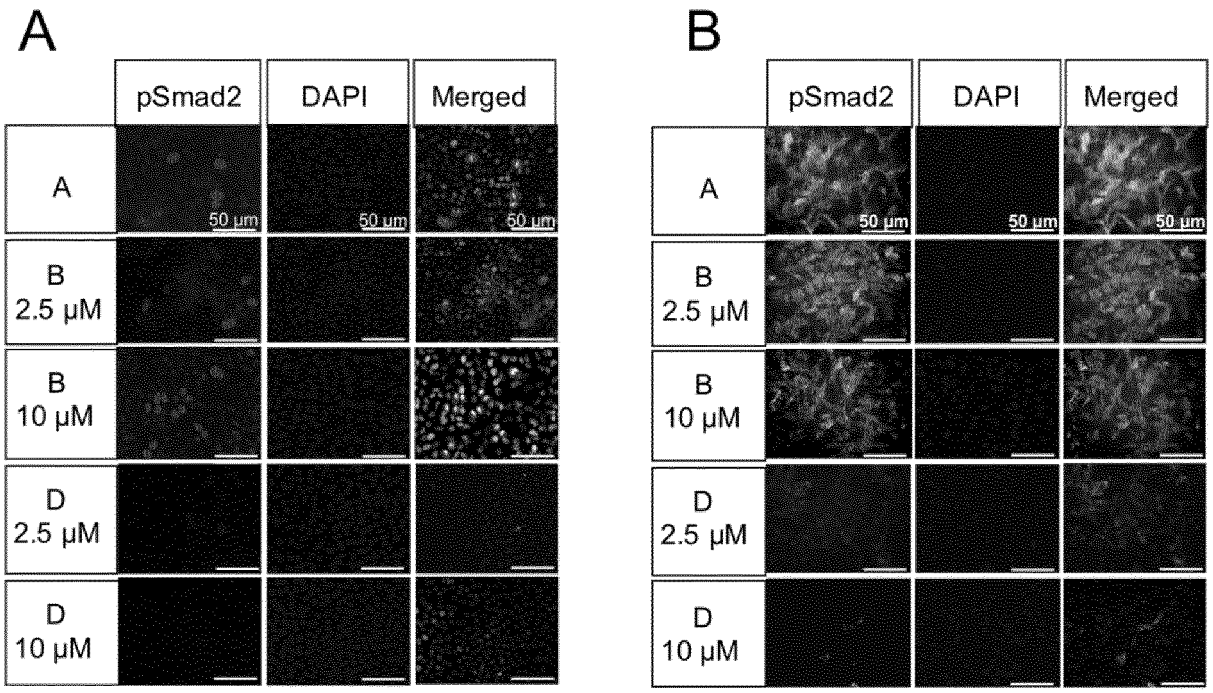
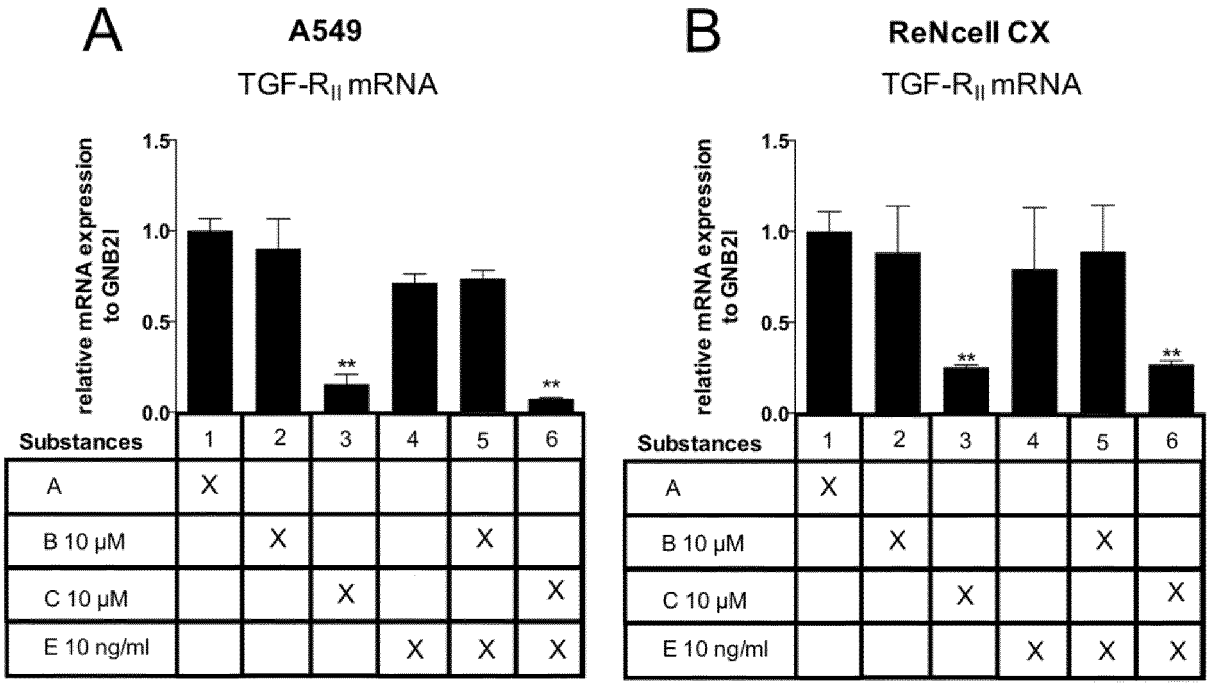


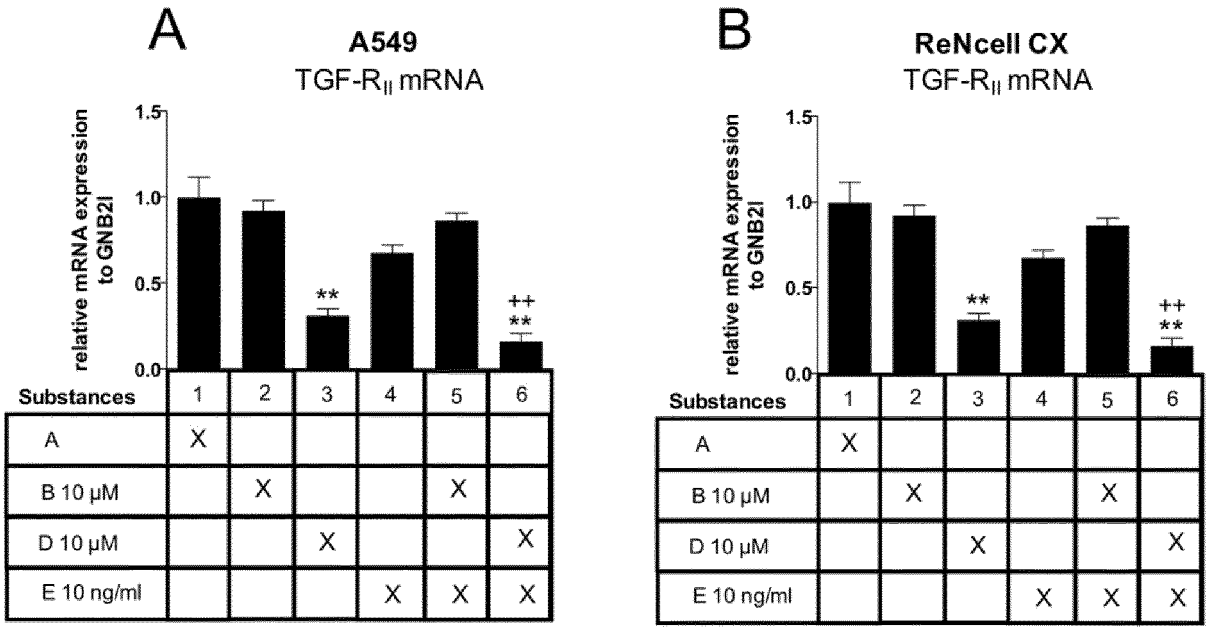
Figure 7



Substances	1	2	3	4	5	6
A	X					
B 10 µM		X			X	
C 10 µM			X			X
E 10 ng/ml				X	X	X

Substances	1	2	3	4	5	6
A	X					
B 10 µM		X			X	
C 10 µM			X			X
E 10 ng/ml				X	X	X

Figure 8



Substances	1	2	3	4	5	6
A	X					
B 10 µM		X			X	
D 10 µM			X			X
E 10 ng/ml				X	X	X

Substances	1	2	3	4	5	6
A	X					
B 10 µM		X			X	
D 10 µM			X			X
E 10 ng/ml				X	X	X

Figure 9

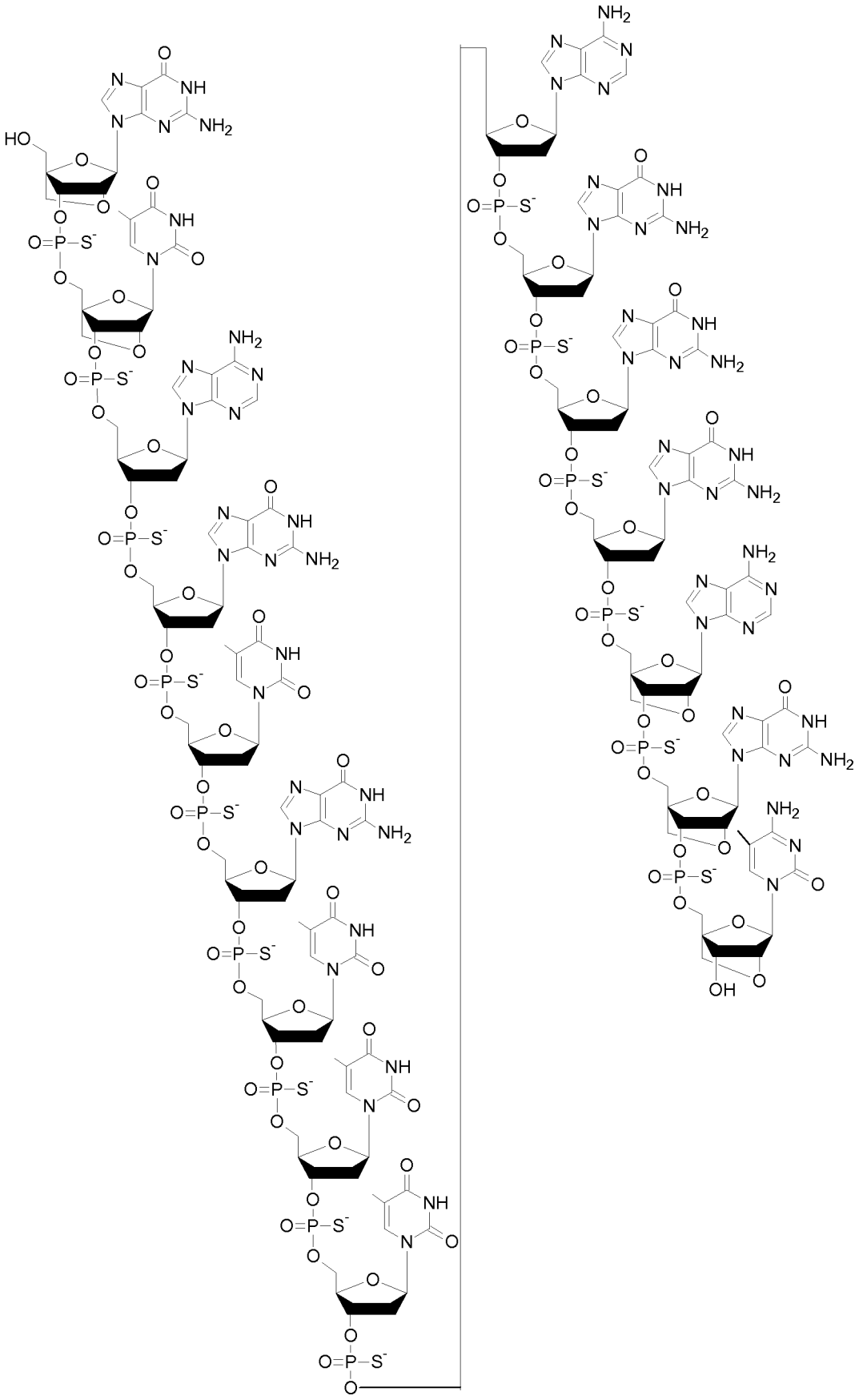


Figure 10

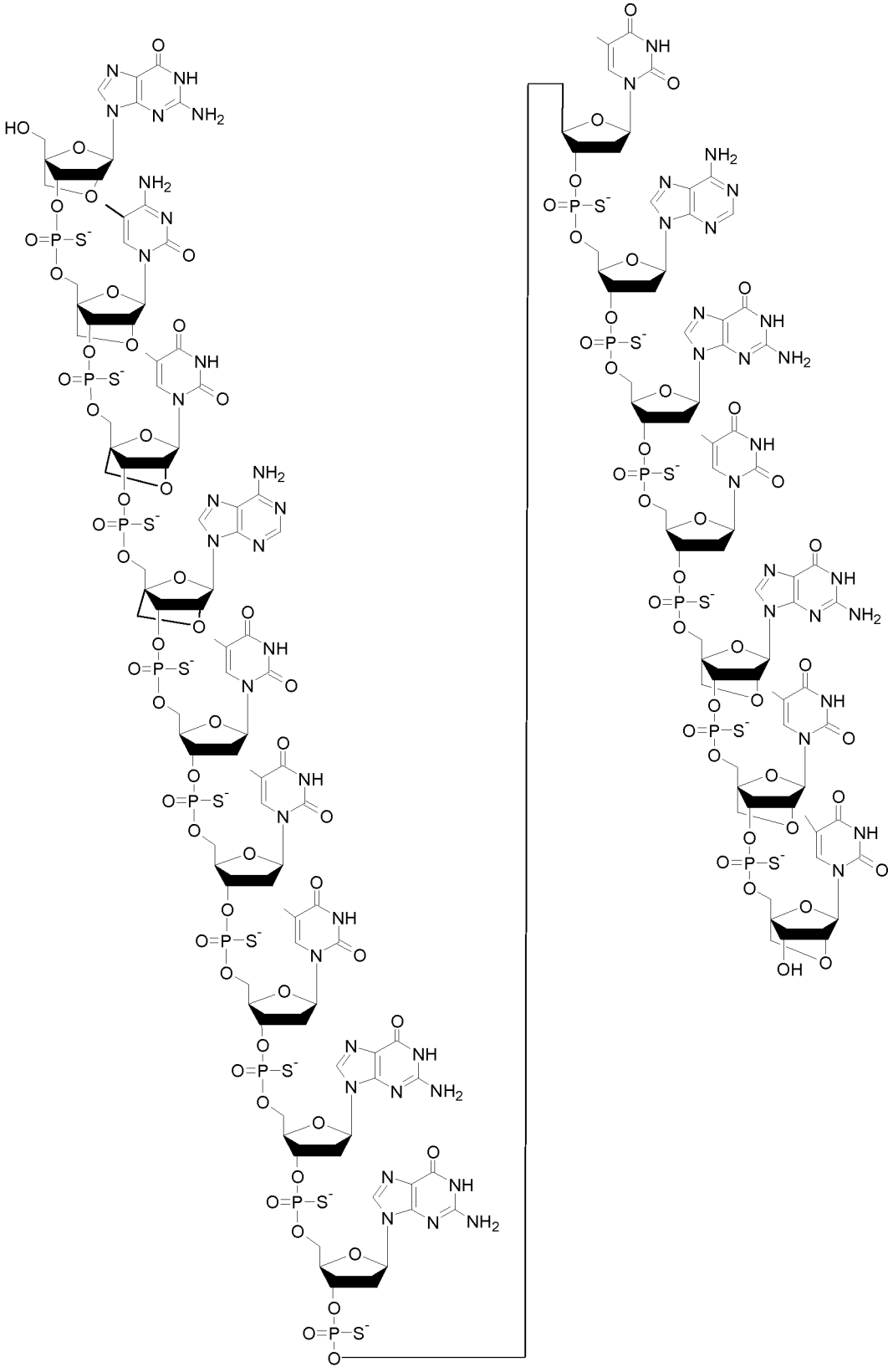


Figure 11

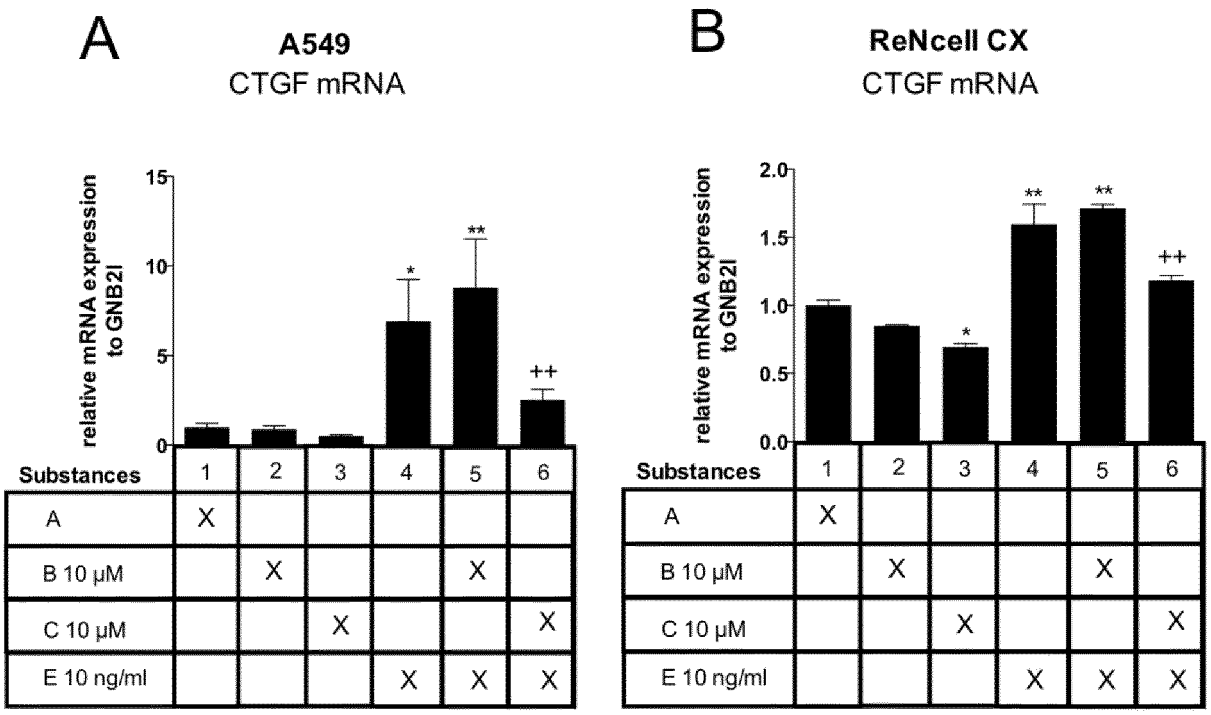


Figure 12

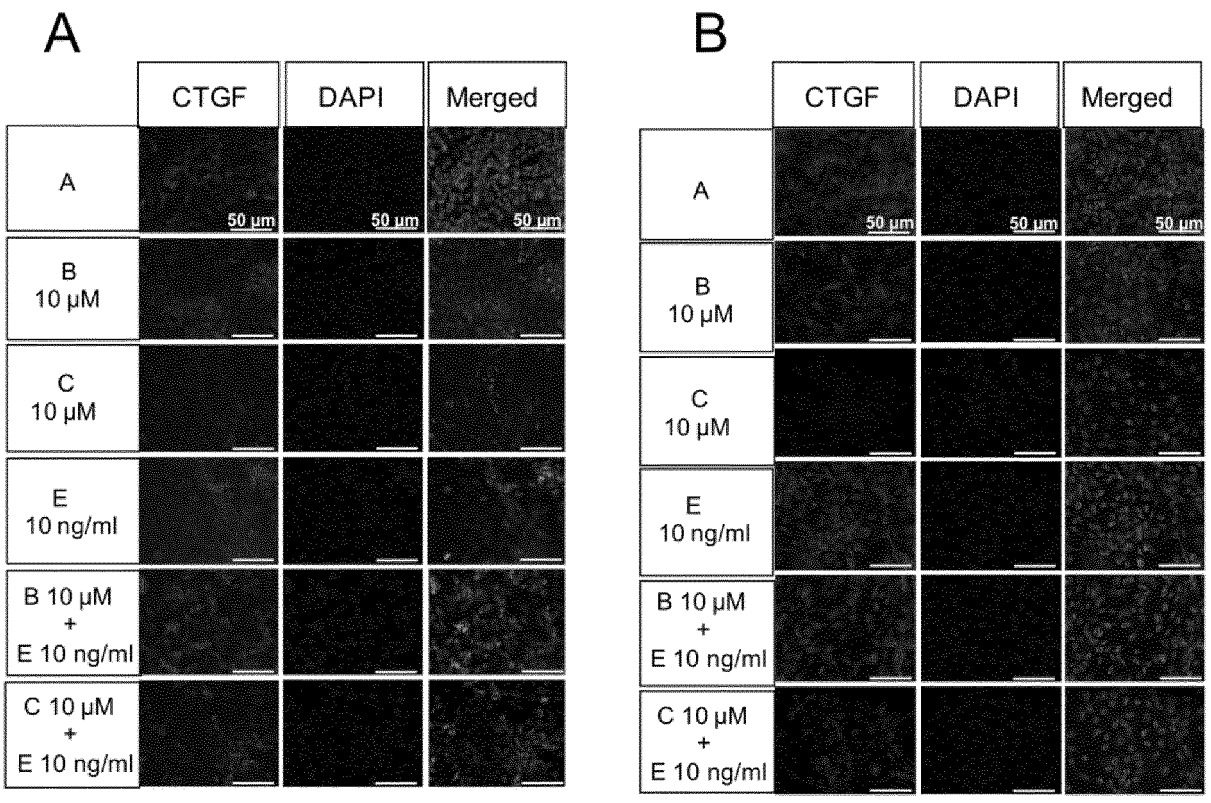


Figure13

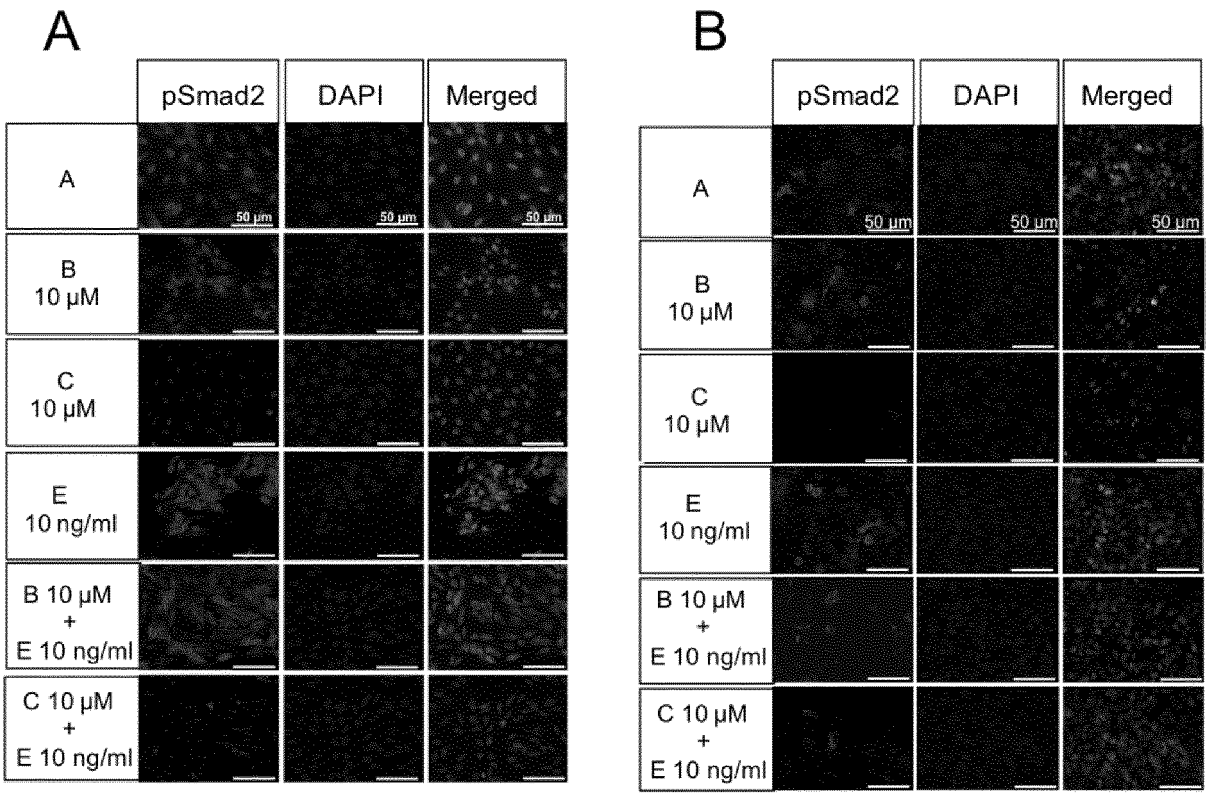


Figure14

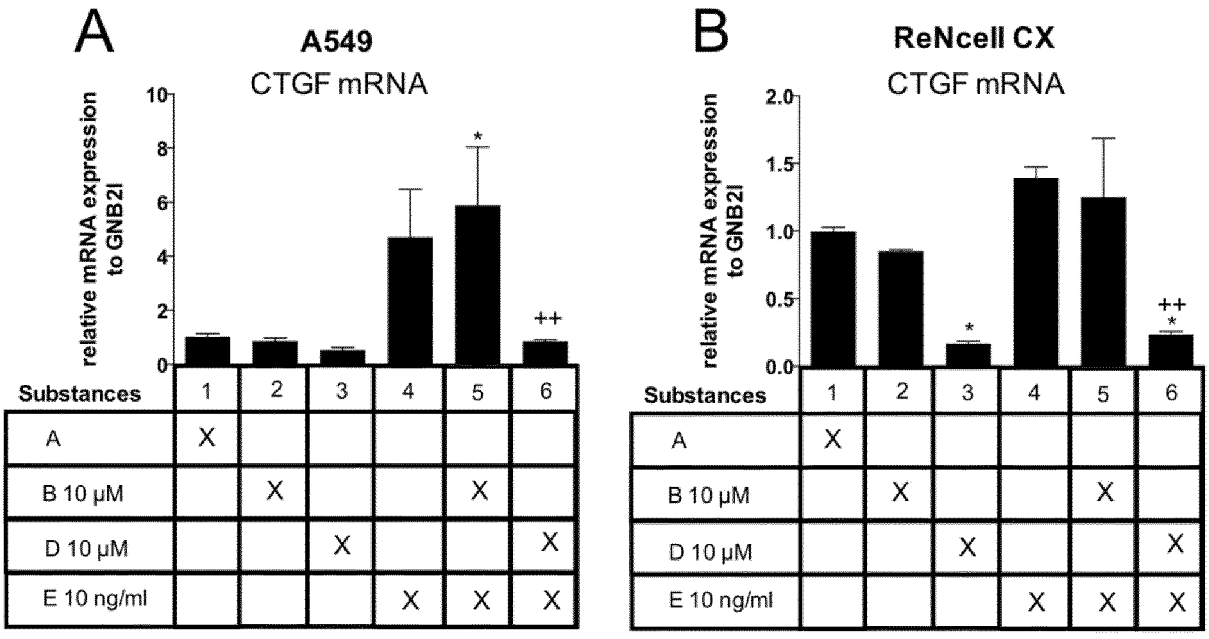


Figure 15

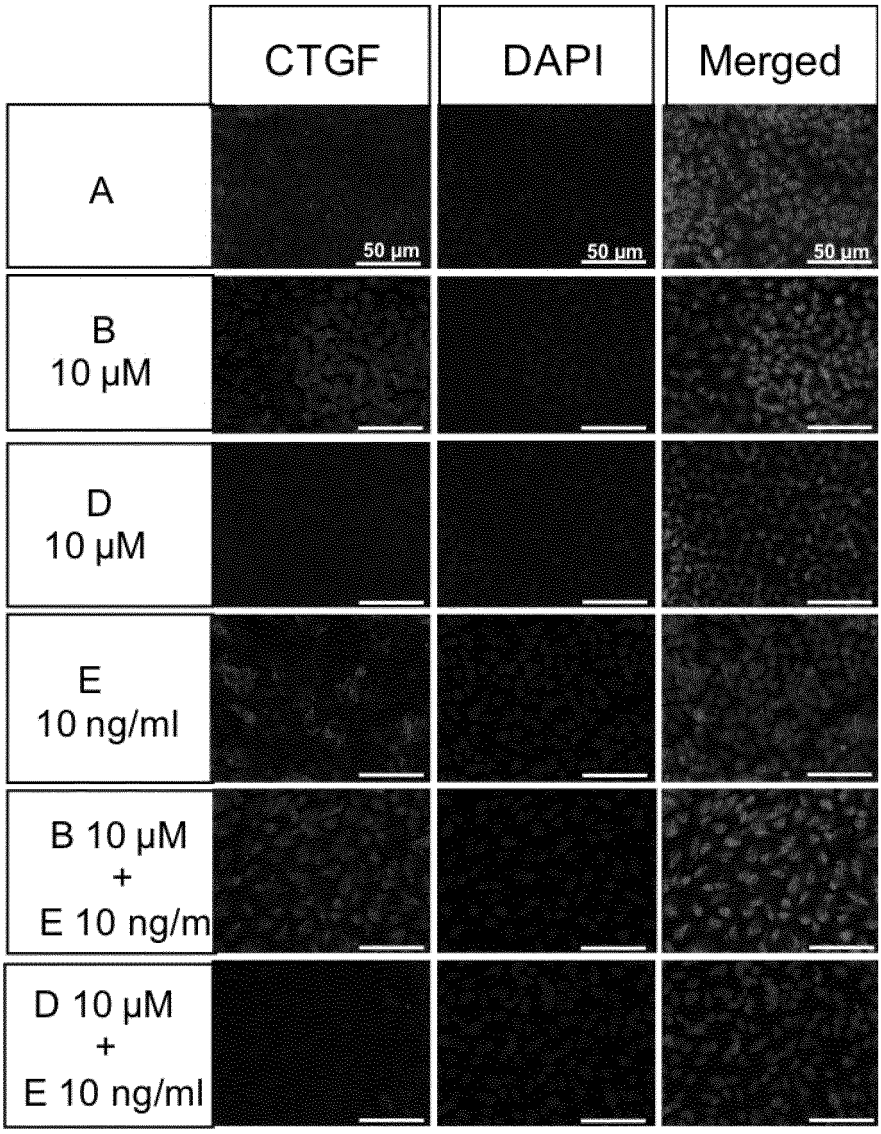

CTGF
DAPI
Merged
A
B
10 µM
D
10 µM
E
10 ng/ml
B 10 µM
+
E 10 ng/m
D 10 µM
+
E 10 ng/ml
50 µm
50 µm
50 µm

Figure 16

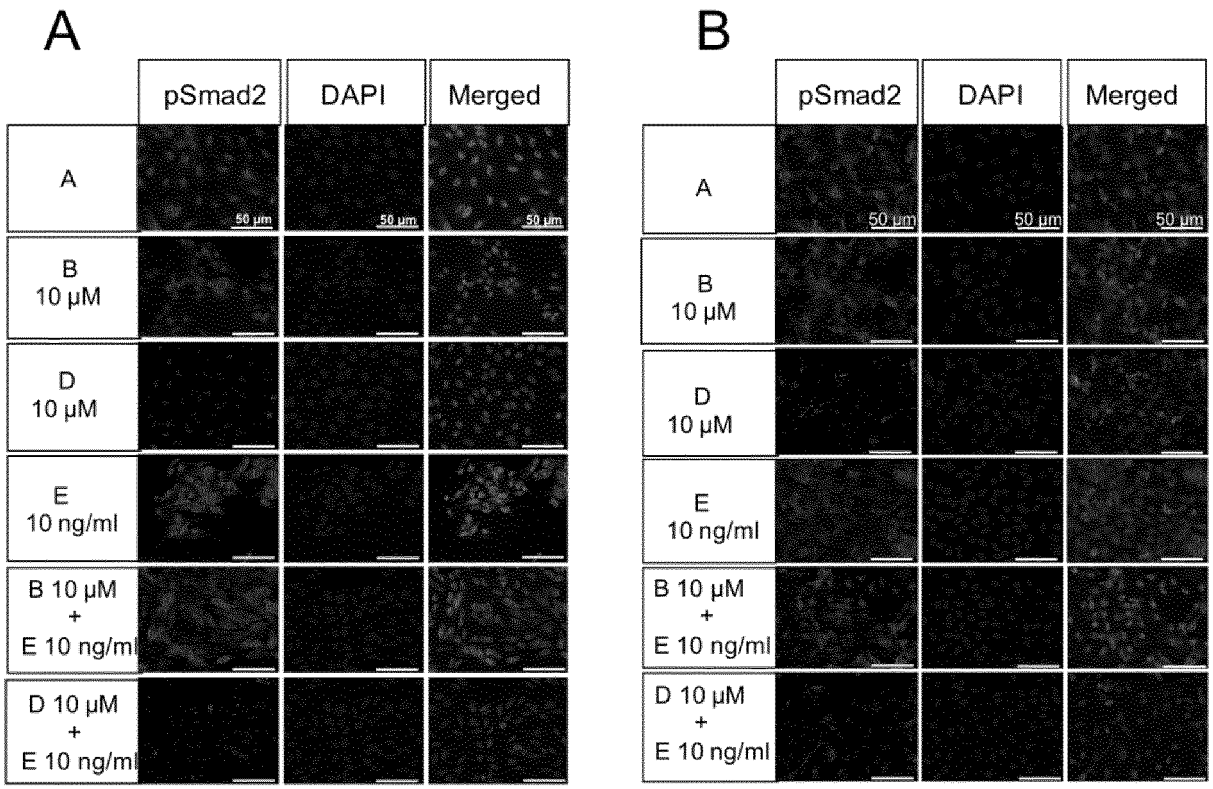


Figure 17

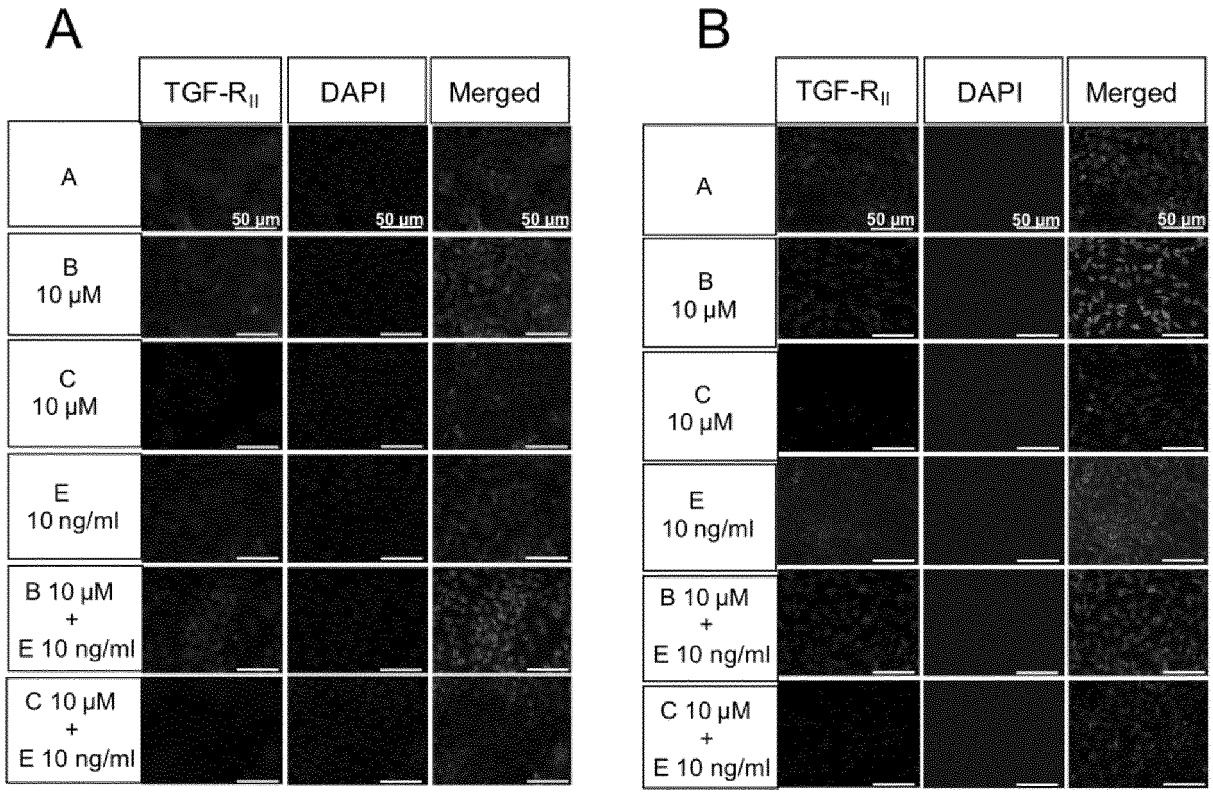


Figure 18

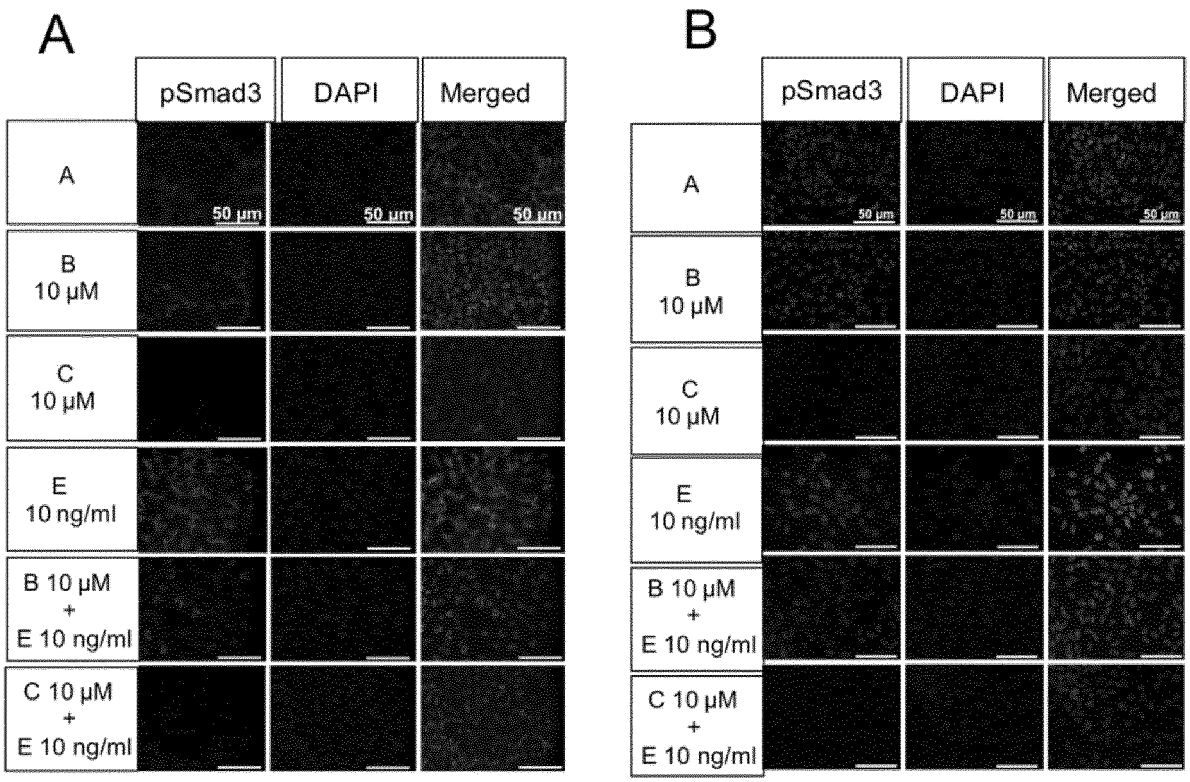
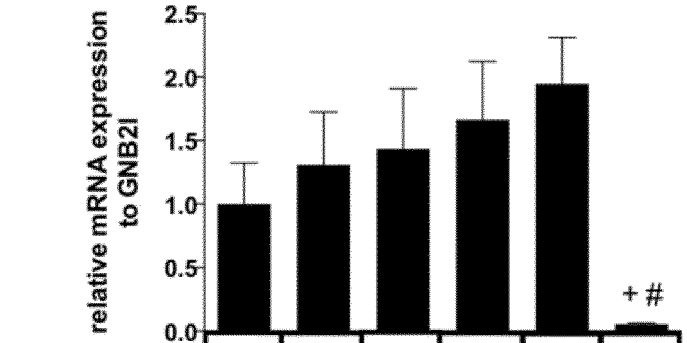


Figure19

ReNcell CX
DCX mRNA



Substances	1	2	3	4	5	6
A	X					
B 2.5 µM		X				
B 10 µM			X			
C 2.5 µM				X		
C 10 µM					X	
E 10 ng/ml						X

Figure 20

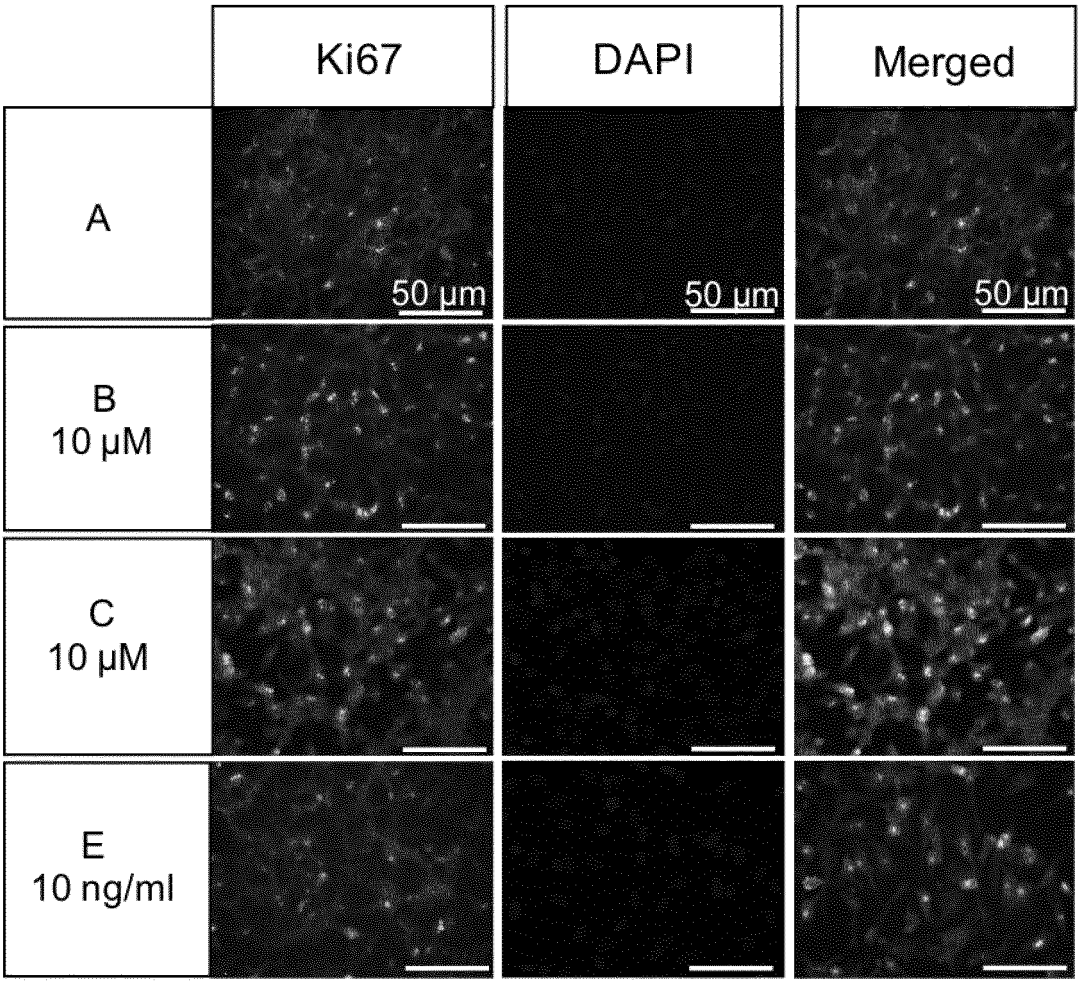
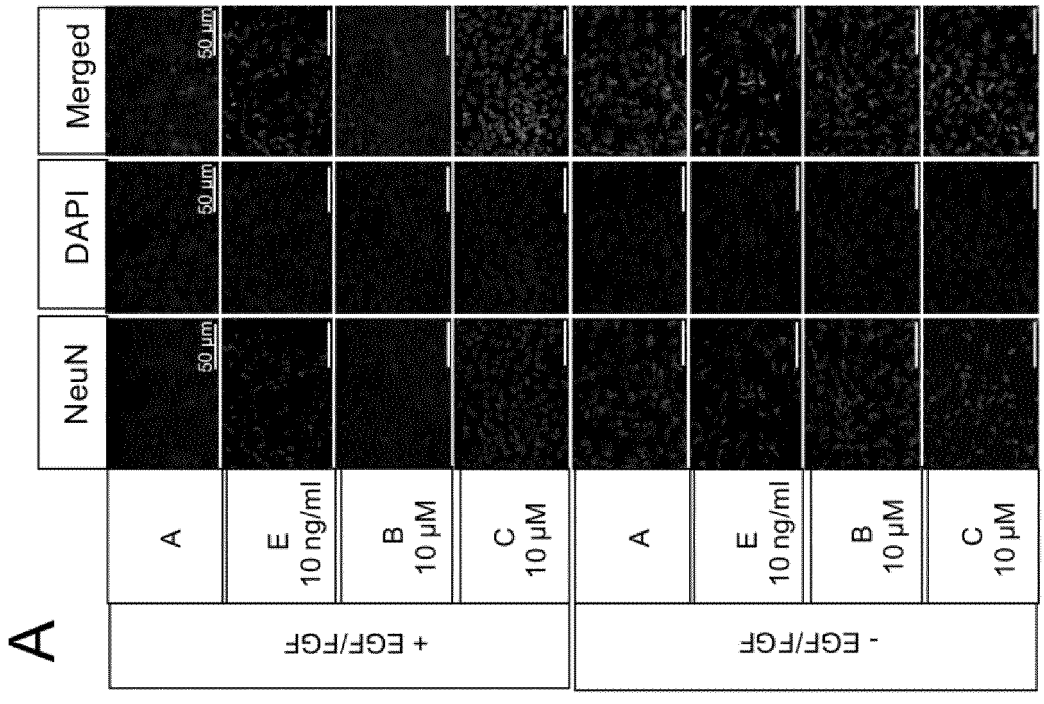


Figure 21


A
NeuN
DAPI
Merged
50 µm
+ EGF/FGF
- EGF/FGF
A
E 10 ng/ml
B 10 µM
C 10 µM

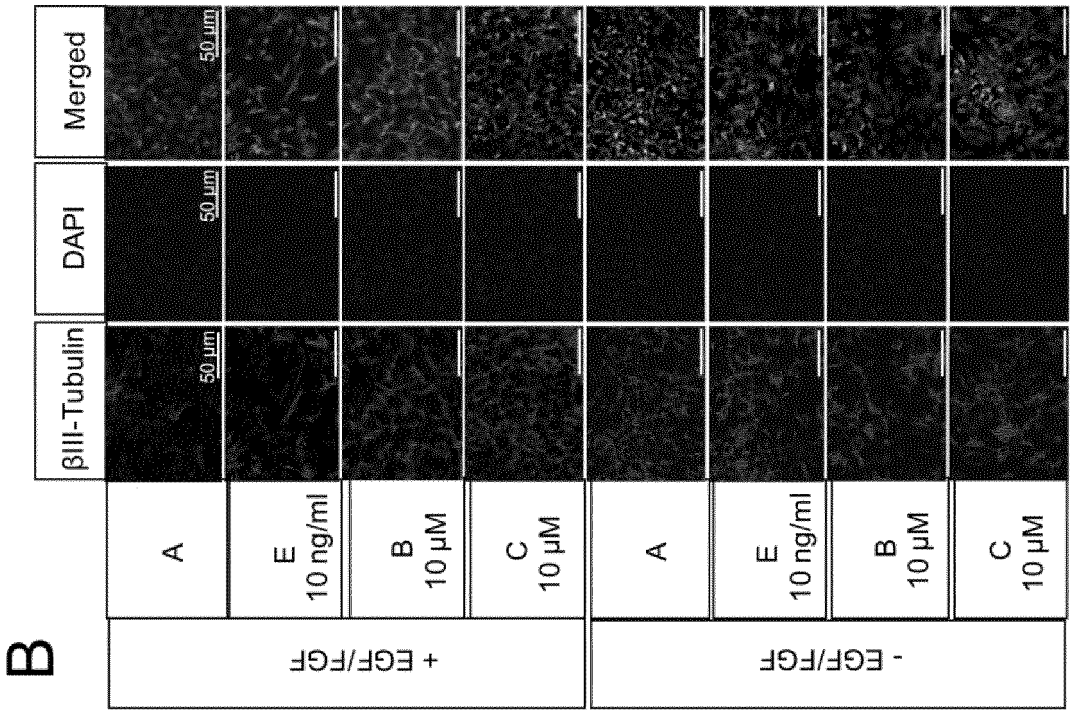

B
βIII-Tubulin
DAPI
Merged
50 µm
+ EGF/FGF
- EGF/FGF
A
E 10 ng/ml
B 10 µM
C 10 µM

Figure 22

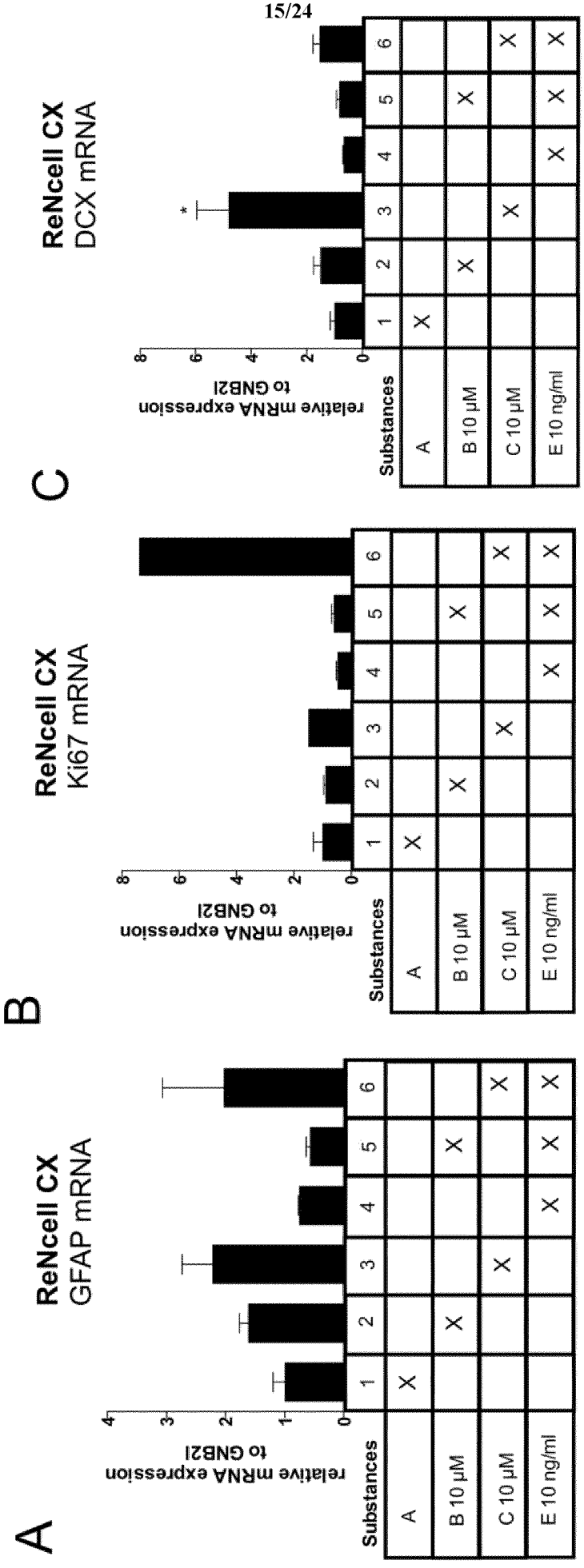

A
ReNcell CX
GFAP mRNA
relative mRNA expression to GNB2l
Substances
A
B 10 µM
C 10 µM
E 10 ng/ml
B
ReNcell CX
Ki67 mRNA
relative mRNA expression to GNB2l
Substances
A
B 10 µM
C 10 µM
E 10 ng/ml
C
ReNcell CX
DCX mRNA
relative mRNA expression to GNB2l
Substances
A
B 10 µM
C 10 µM
E 10 ng/ml

Figure 23

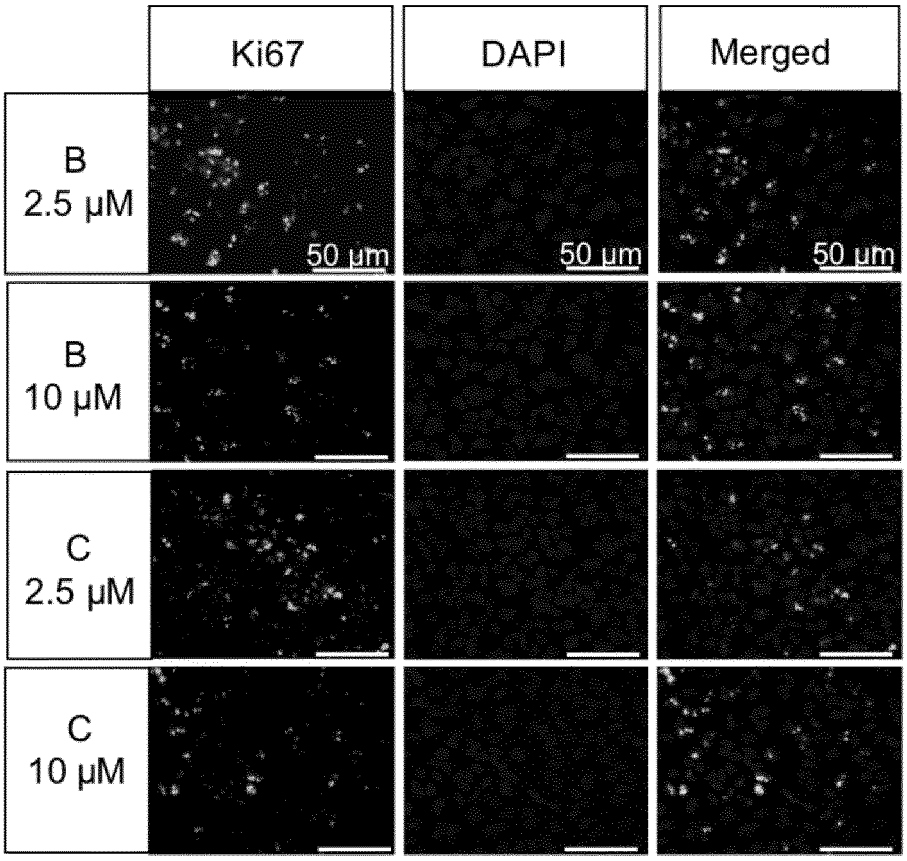


Figure24

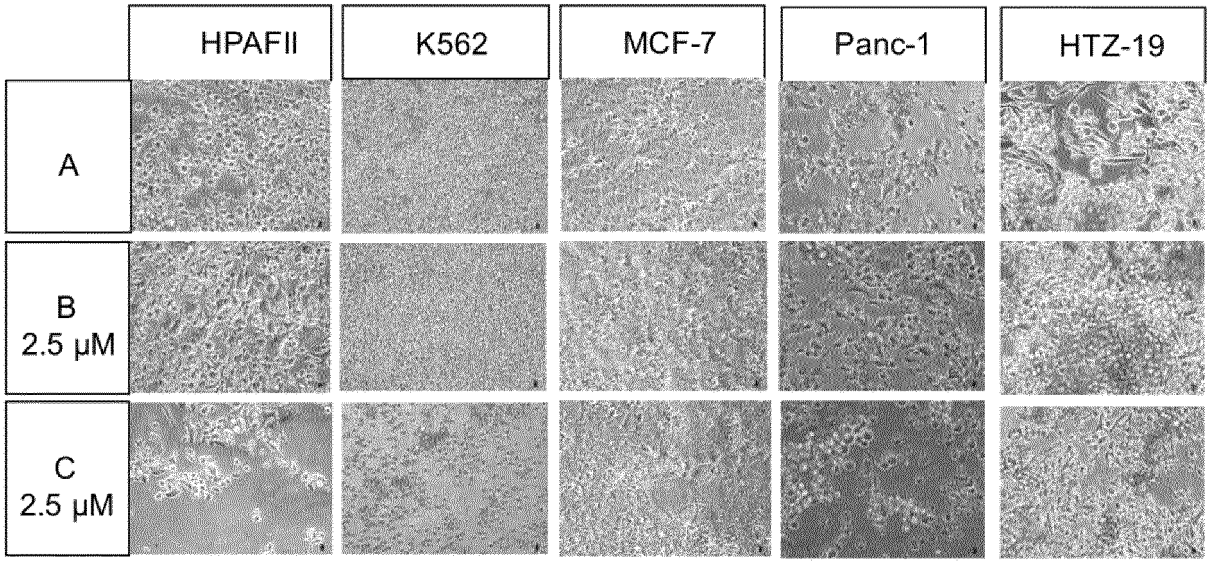


Figure 25

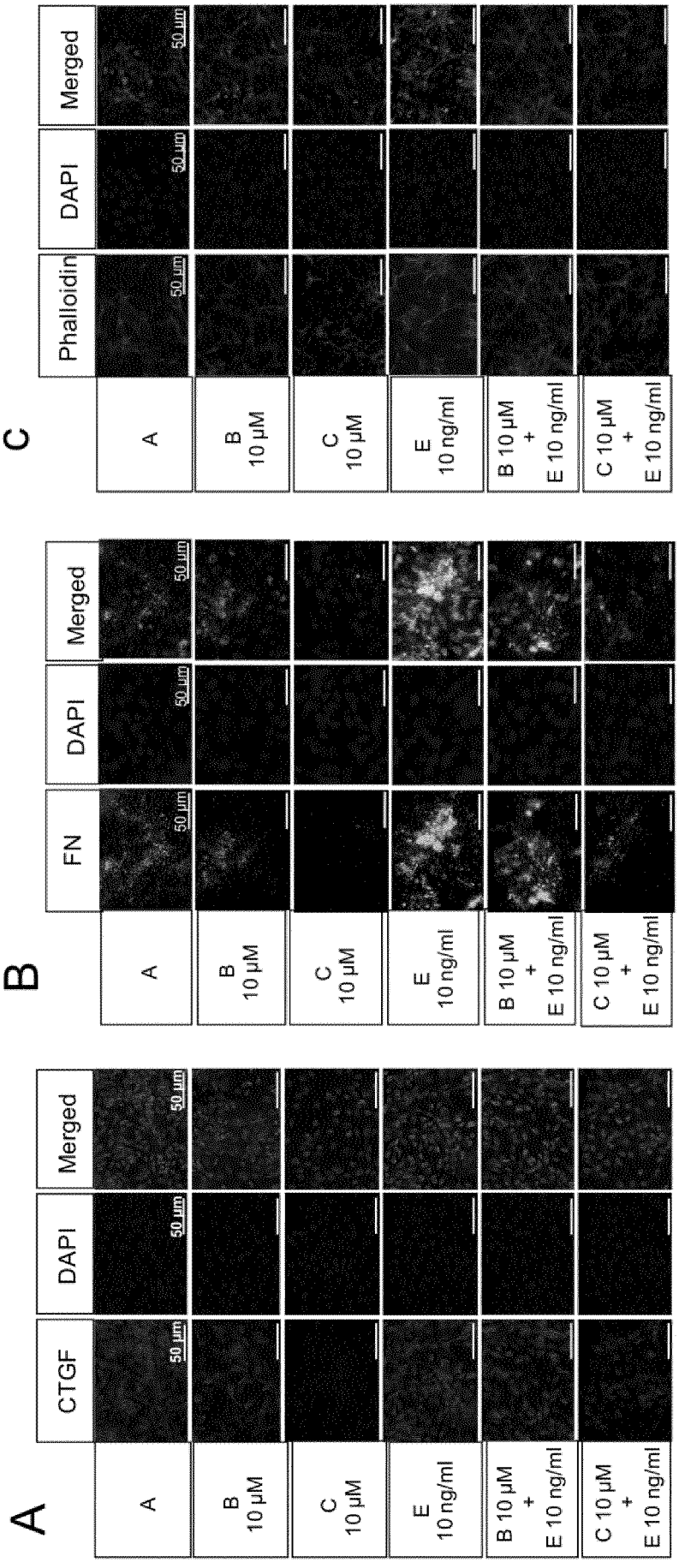

A
CTGF
DAPI
Merged
B
FN
DAPI
Merged
C
Phalloidin
DAPI
Merged
A
B 10 µM
C 10 µM
E 10 ng/ml
B 10 µM + E 10 ng/ml
C 10 µM + E 10 ng/ml
50 µm

Figure 26

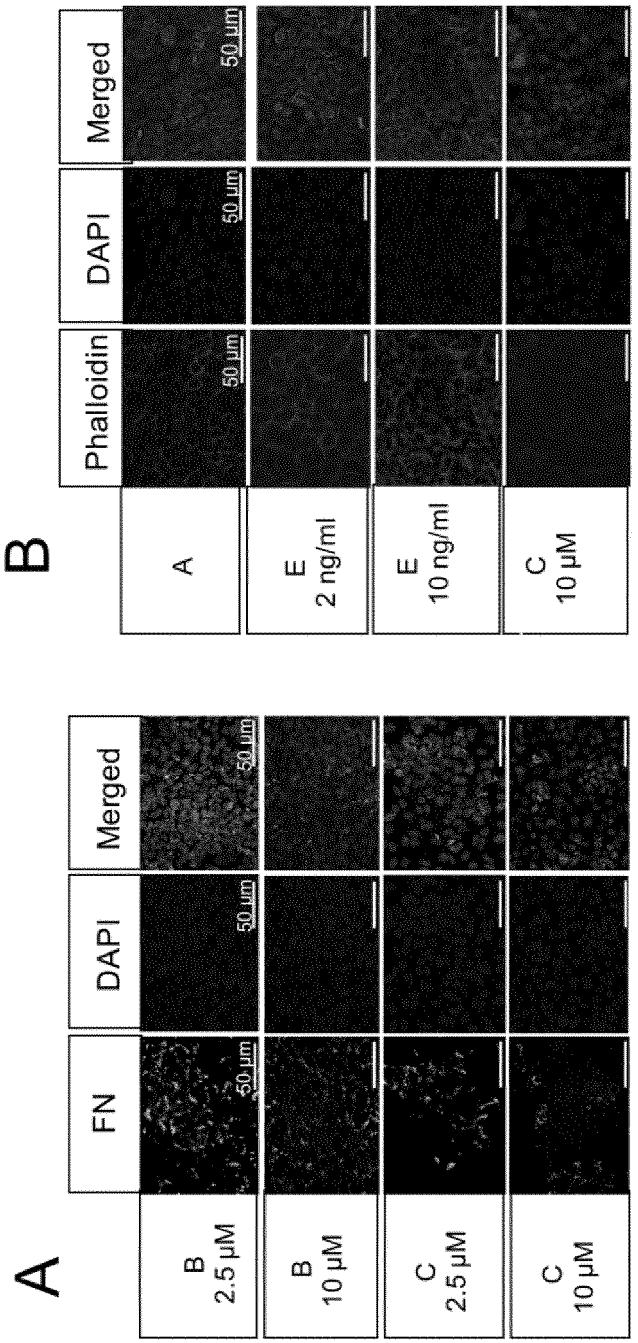

A
FN
DAPI
Merged
B 2.5 µM
B 10 µM
C 2.5 µM
C 10 µM
50 µm
B
Phalloidin
DAPI
Merged
A
E 2 ng/ml
E 10 ng/ml
C 10 µM
50 µm

Figure 27

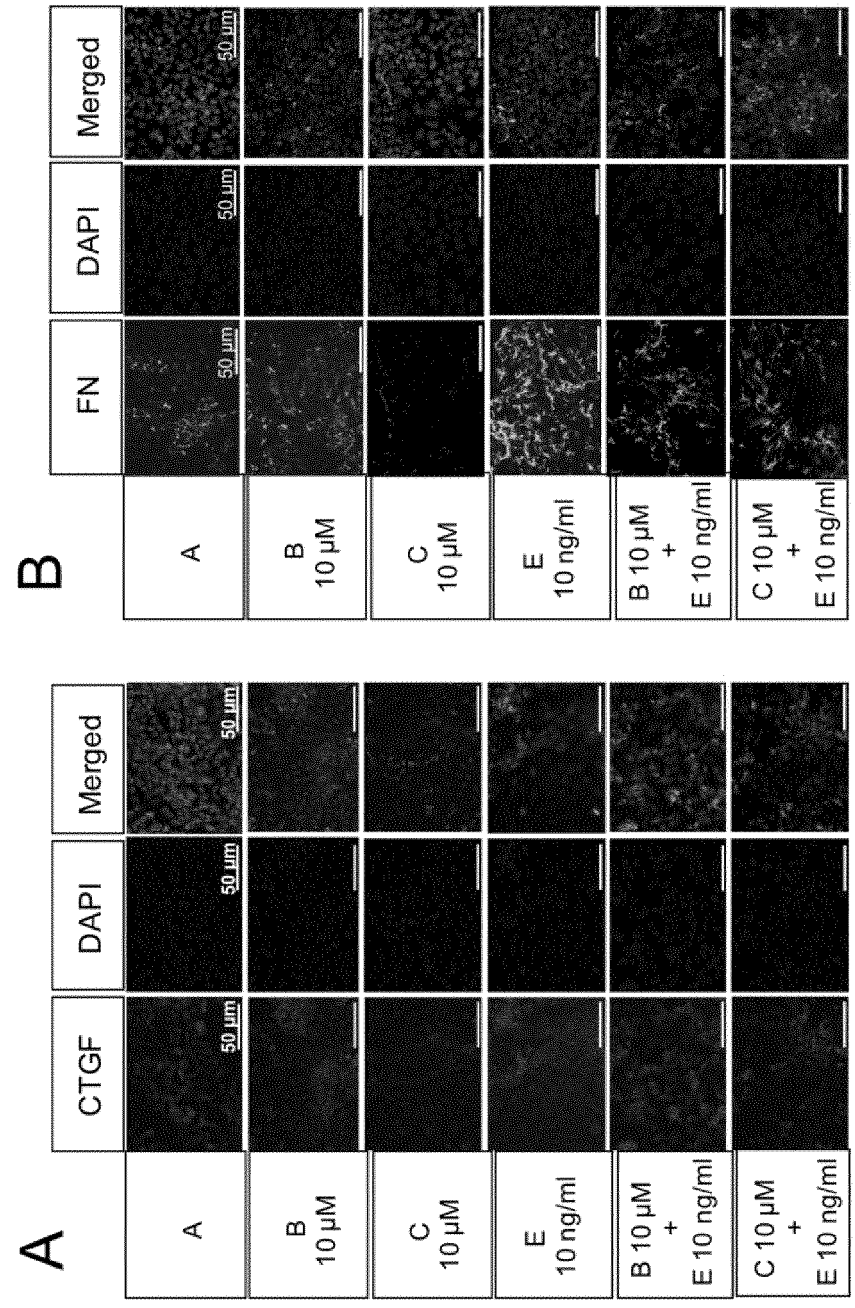

A
CTGF
DAPI
Merged
A
B 10 µM
C 10 µM
E 10 ng/ml
B 10 µM + E 10 ng/ml
C 10 µM + E 10 ng/ml
50 µm
B
FN
DAPI
Merged
A
B 10 µM
C 10 µM
E 10 ng/ml
B 10 µM + E 10 ng/ml
C 10 µM + E 10 ng/ml
50 µm

Figure 28

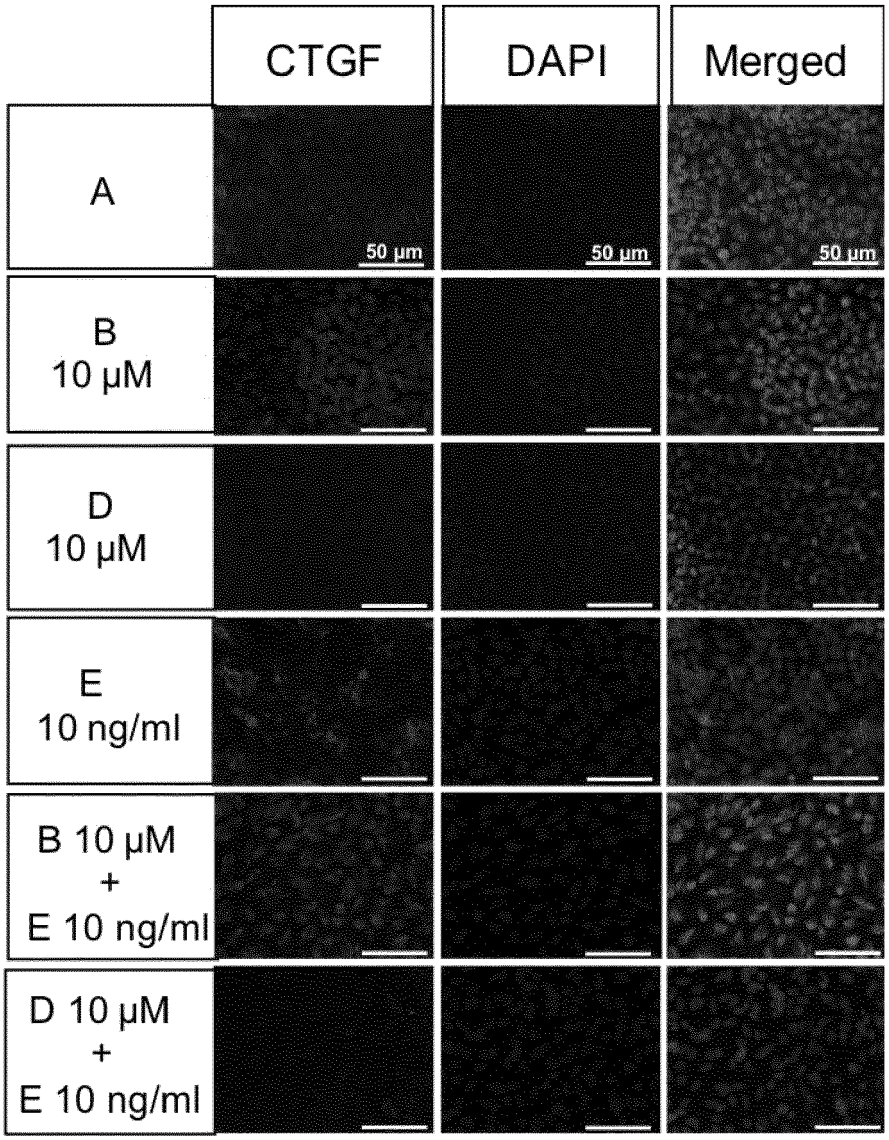

CTGF
DAPI
Merged
A
B
10 µM
D
10 µM
E
10 ng/ml
B 10 µM
+
E 10 ng/ml
D 10 µM
+
E 10 ng/ml
50 µm
50 µm
50 µm

Figure 29

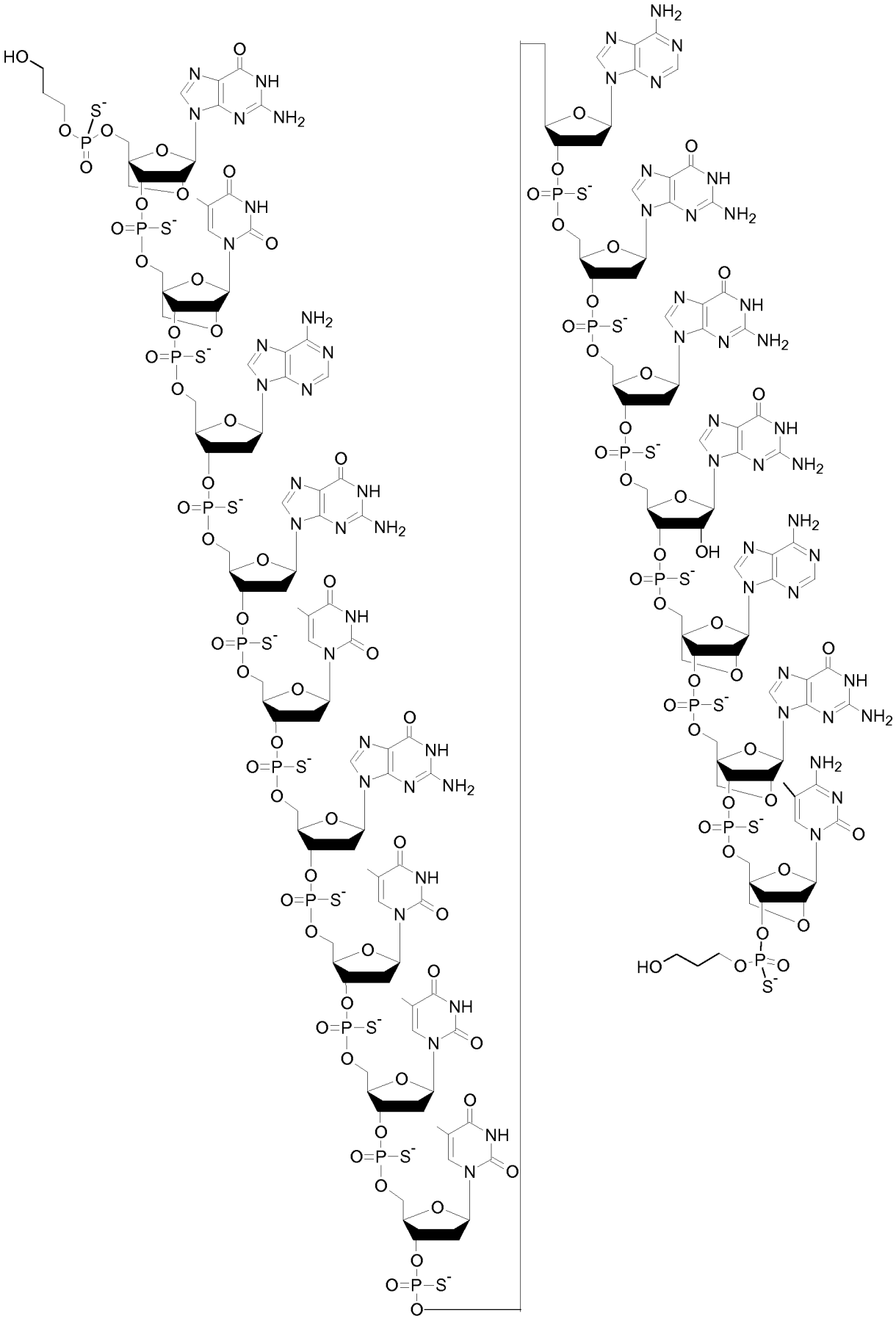


Figure 30

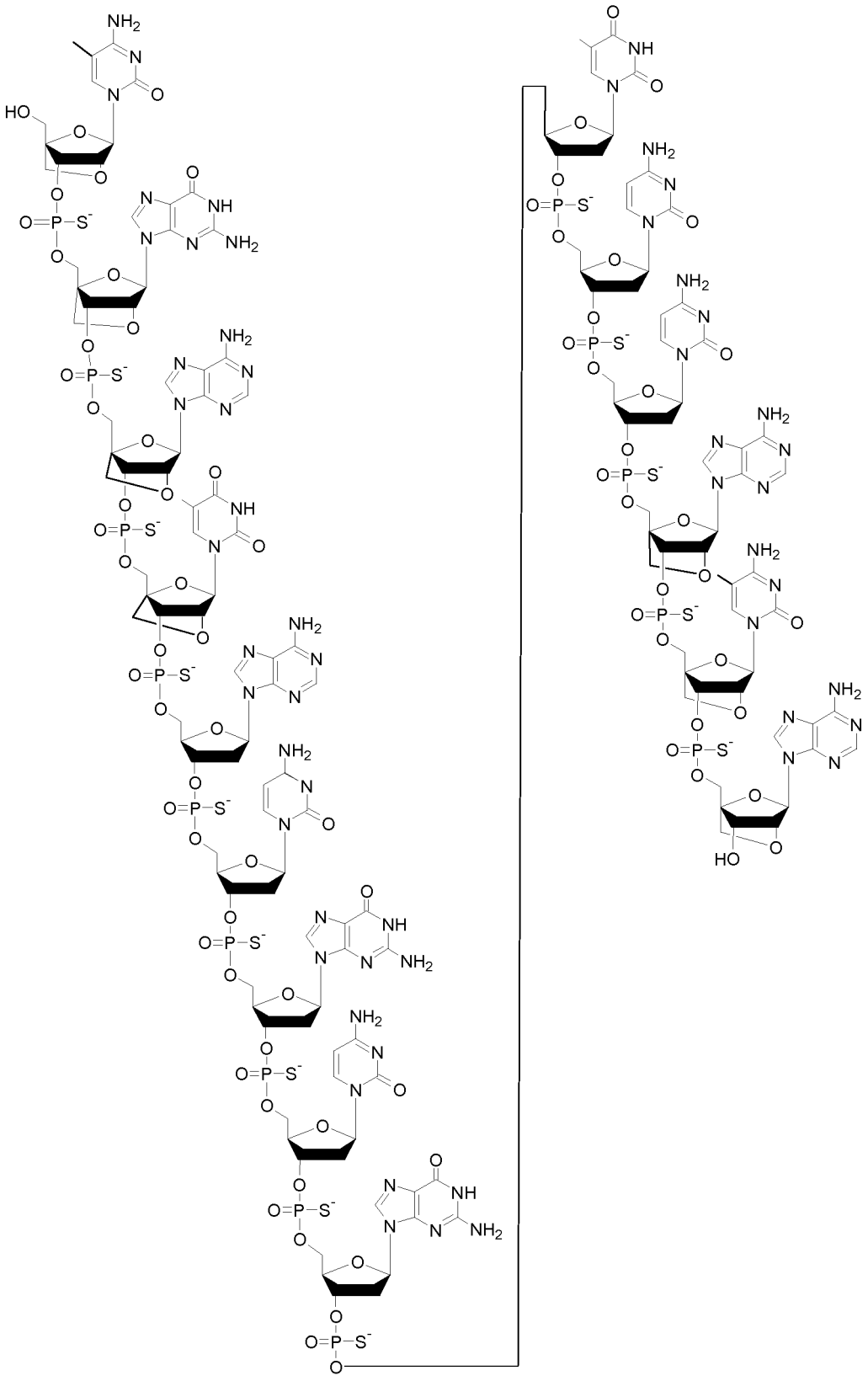


Figure 31

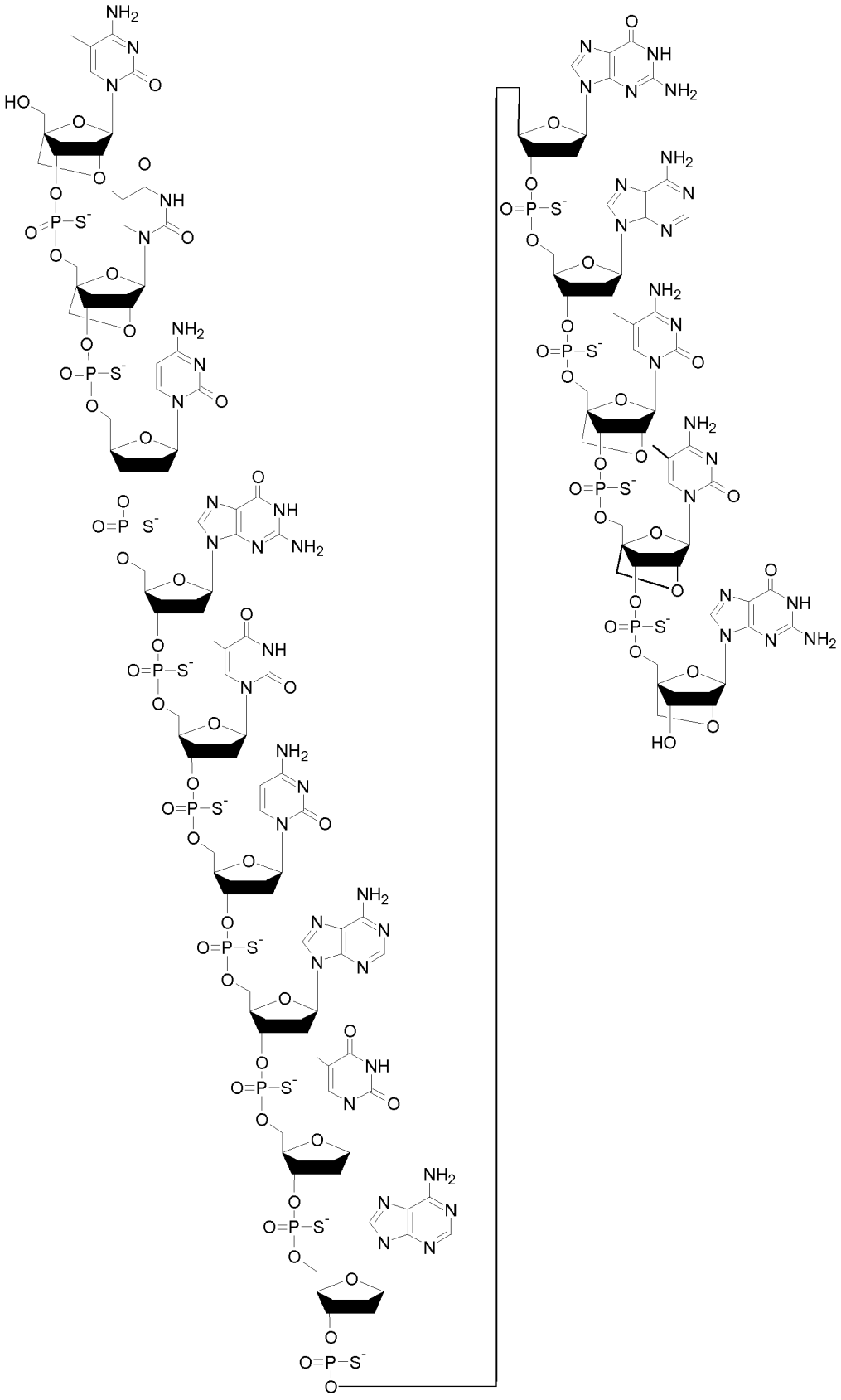


Figure 32

