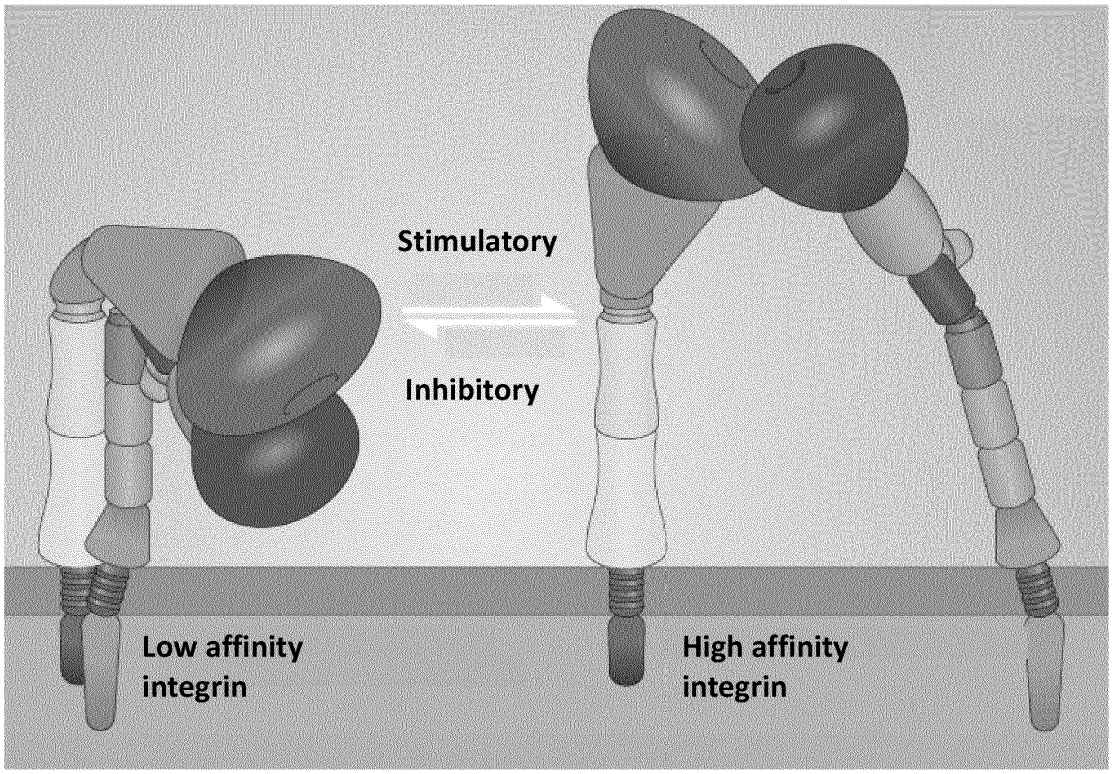


Figure 1

Figure 2

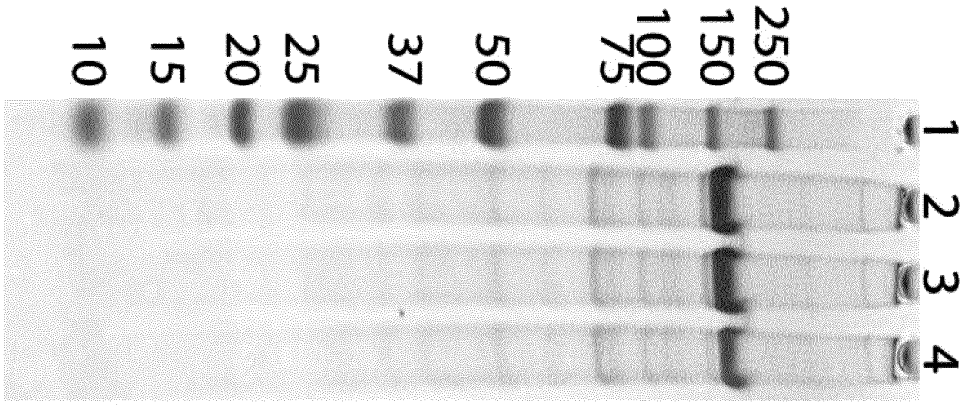
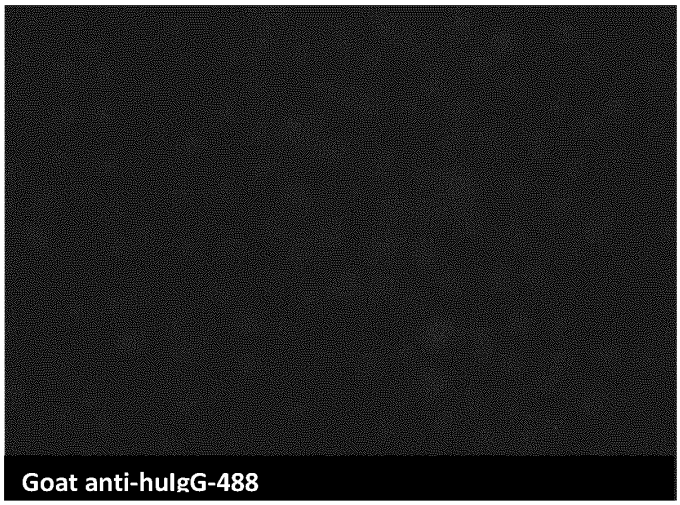


Figure 3


Goat anti-huIgG-488

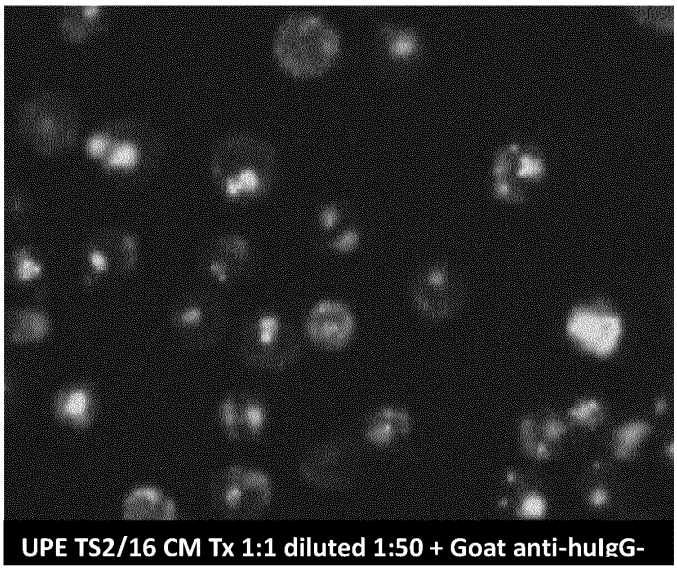

UPE TS2/16 CM Tx 1:1 diluted 1:50 + Goat anti-huIgG-

Figure 4

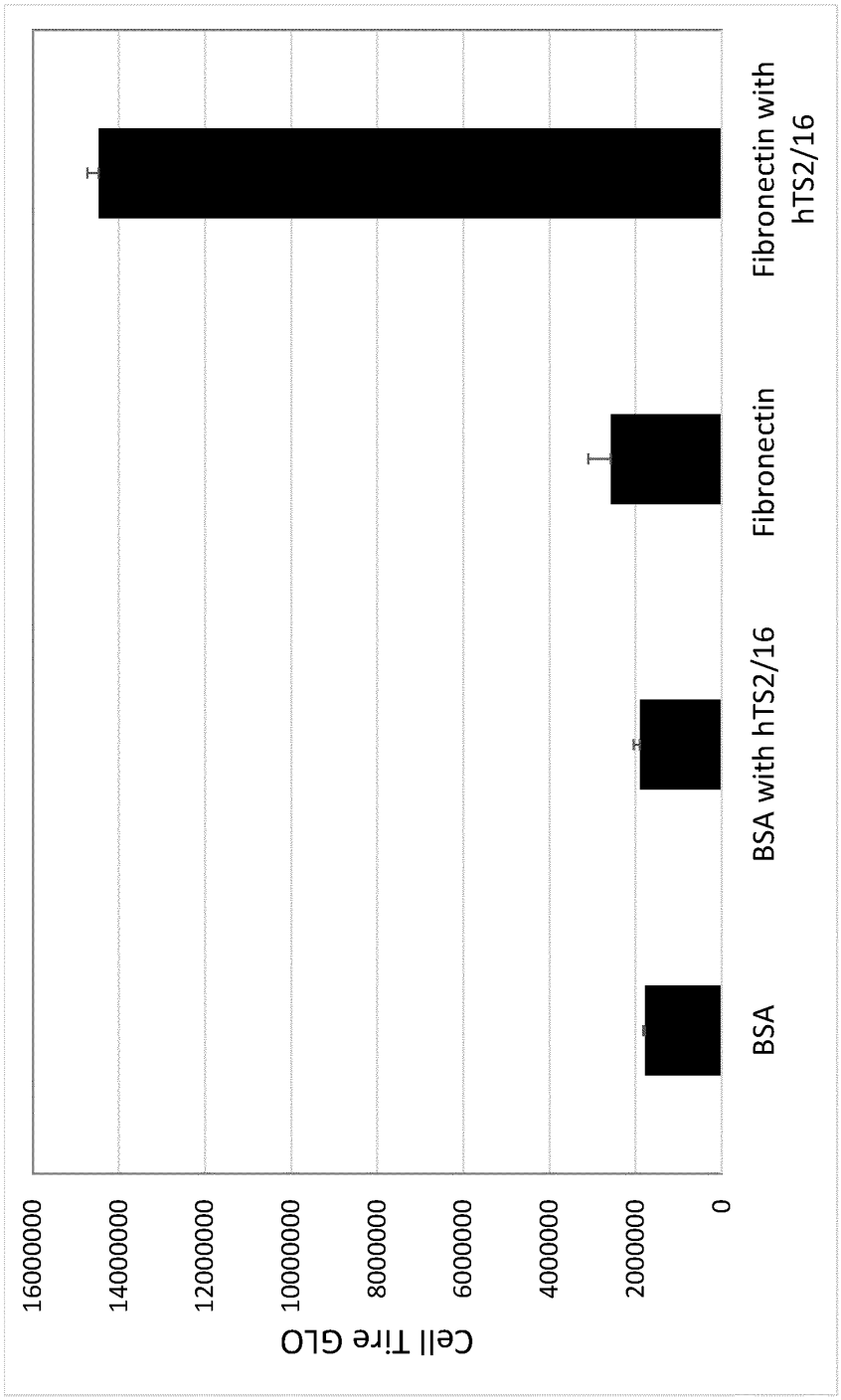

Cell Tire GLO
16000000
14000000
12000000
10000000
8000000
6000000
4000000
2000000
0
BSA
BSA with hTS2/16
Fibronectin
Fibronectin with hTS2/16

Figure 5

	Triplo Wells	Number organoids Day 4	Day 7
No TS2/16	1	2	12
	2	6	15
	3	3	5
mean		**4**	**10**
TS2/16 1:400	1	13	103
	2	27	72
	3	42	114
mean		**41**	**96**
TS2/16 1:200	1	29	104
	2	41	83
	3	27	80
mean		**32**	**89**
TS2/16 1:100	1	22	75
	2	25	61
	3	25	70
mean		**24**	**69**

Figure 6

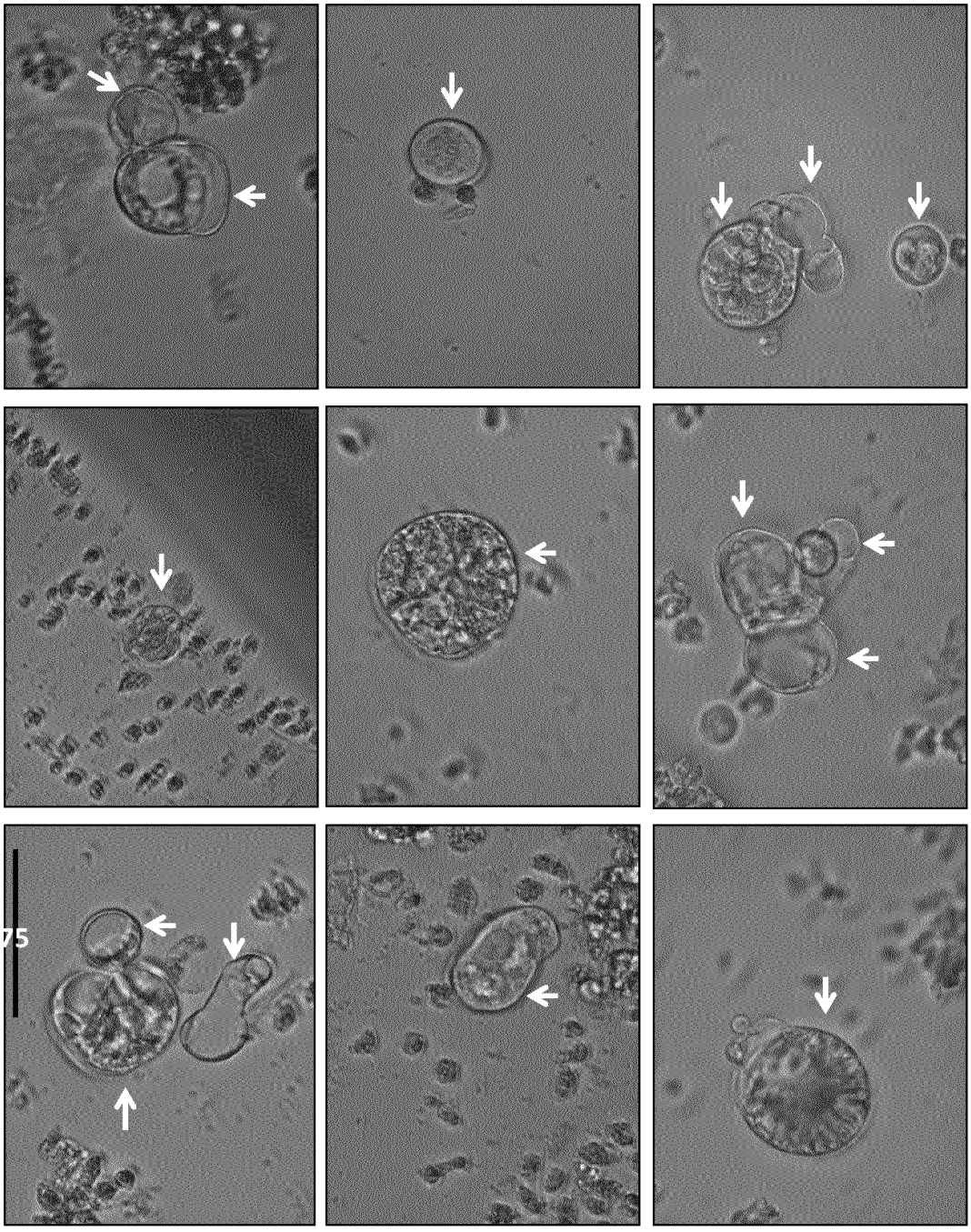


Figure 7

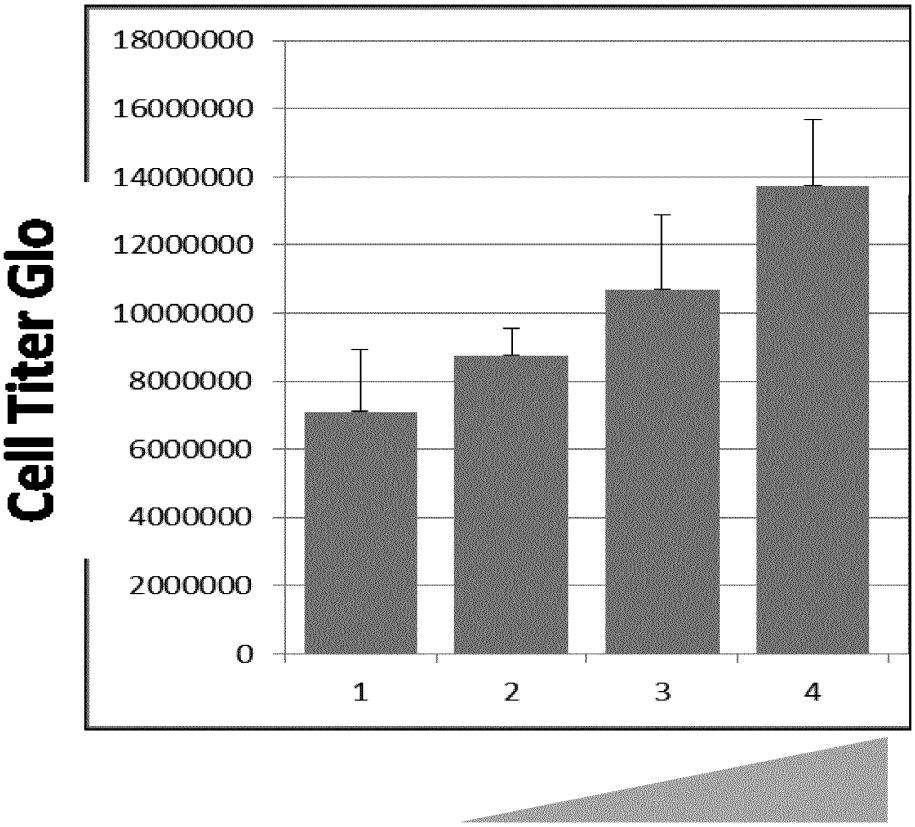

Cell Titer Glo
18000000
16000000
14000000
12000000
10000000
8000000
6000000
4000000
2000000
0
1
2
3
4
2-fold dilutions humanised TS2/16

Figure 8

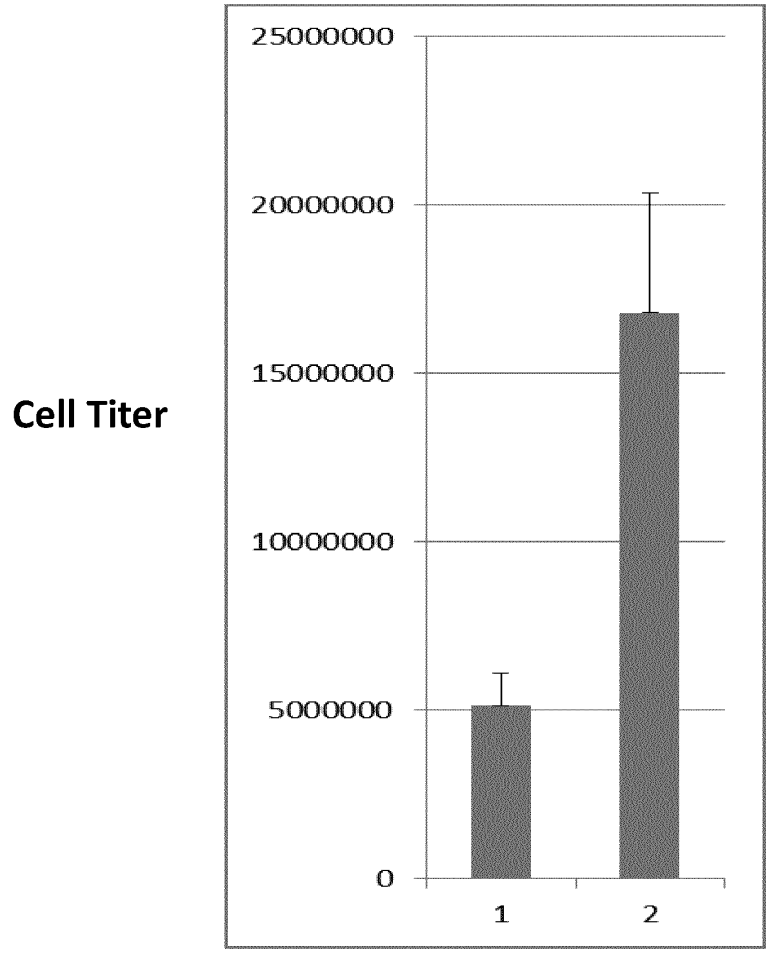

Cell Titer
25000000
20000000
15000000
10000000
5000000
0
1
2

Figure 10

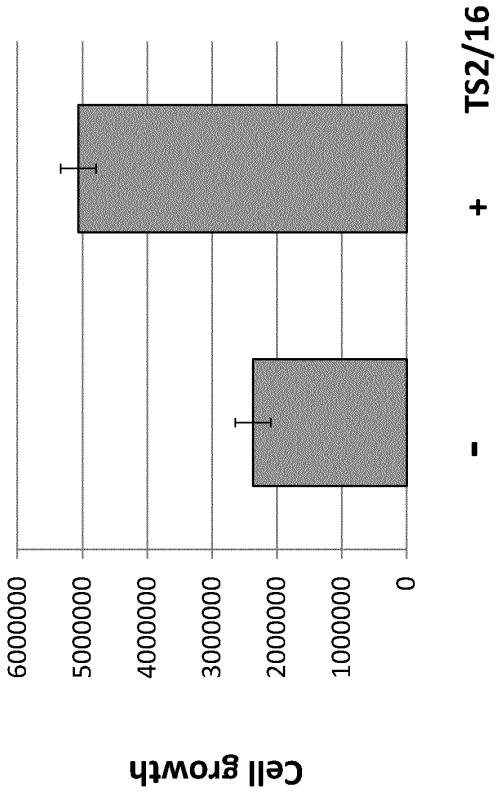
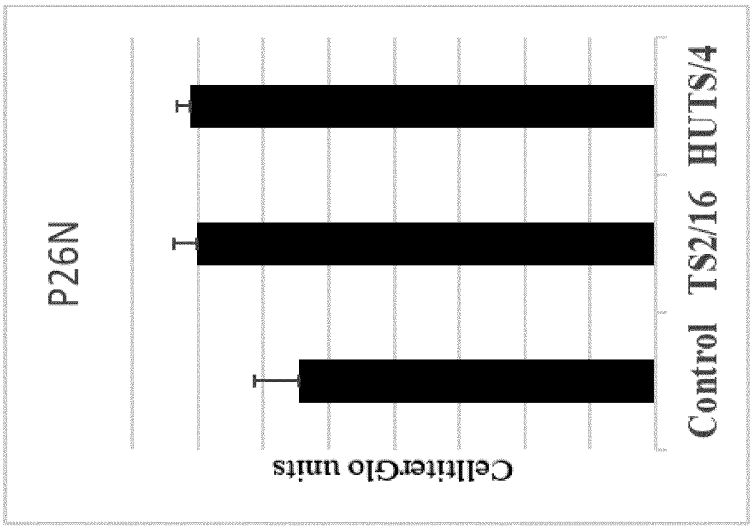


Figure 9



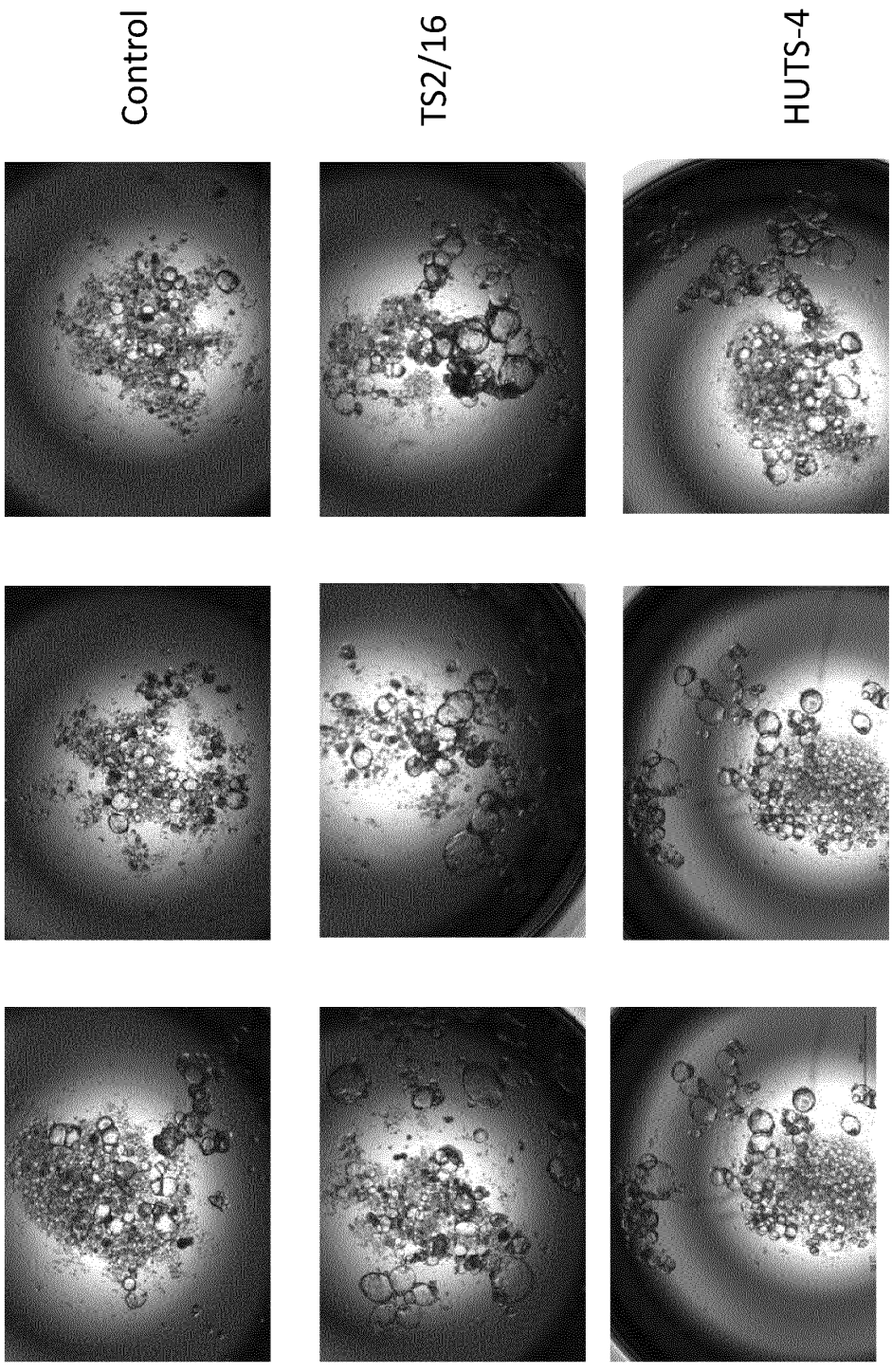
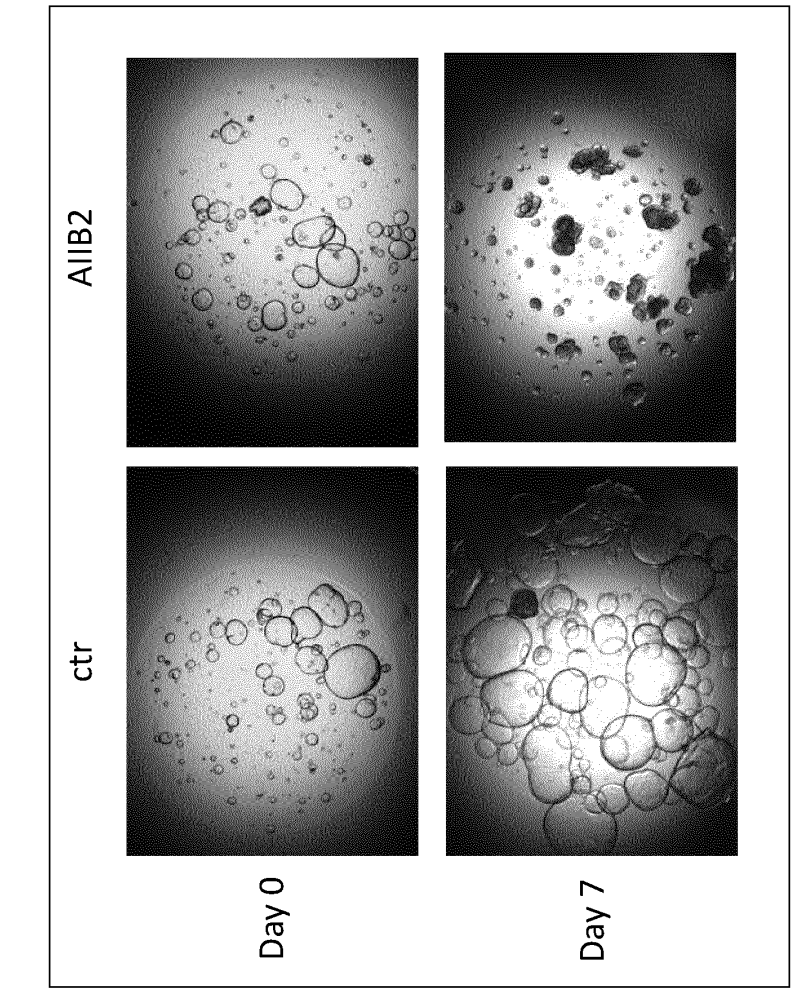


Figure 11

Figure 12


B
ctr
AIIB2
Day 0
Day 7

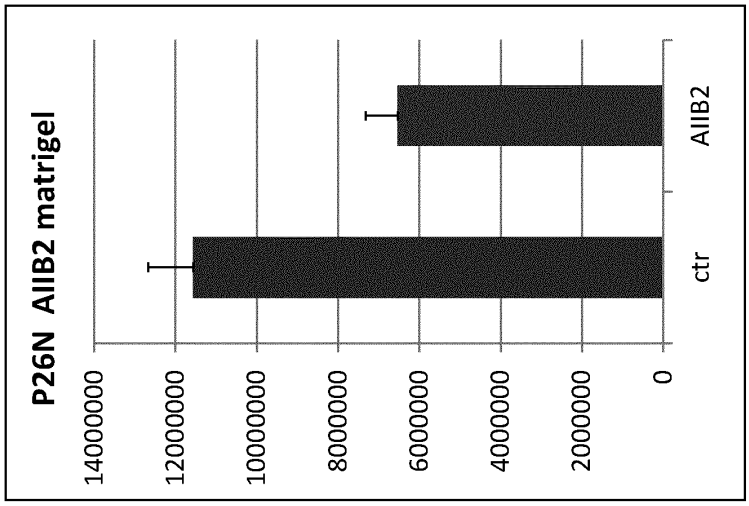
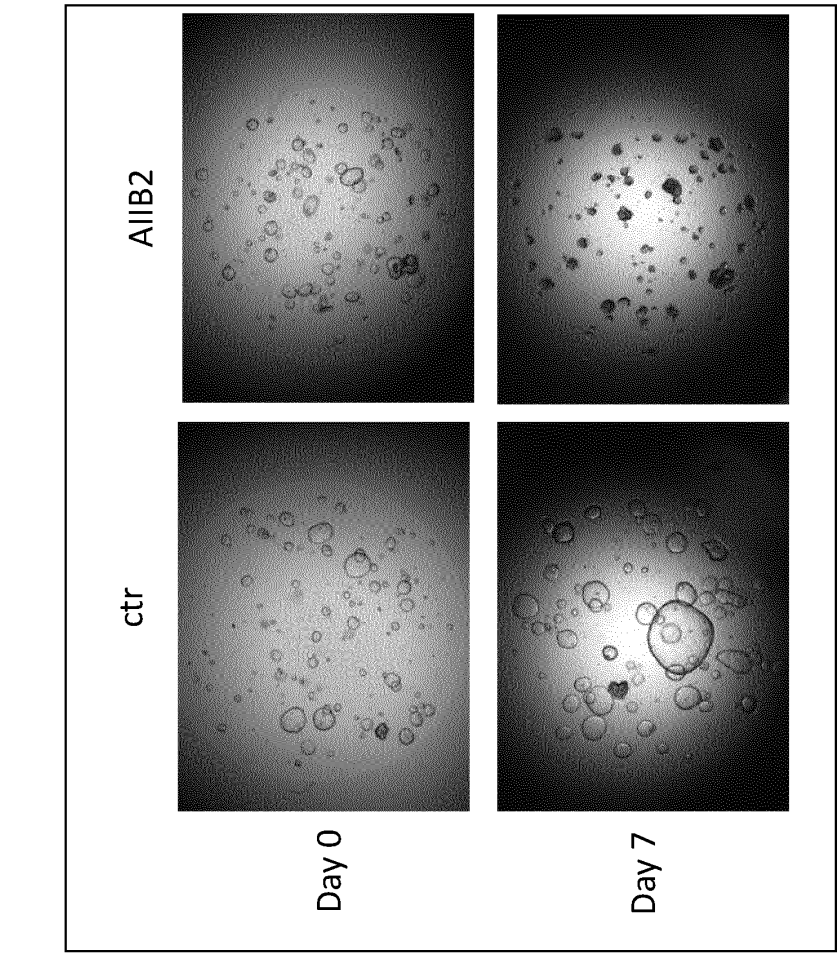

A
P26N AIIB2 matrigel
14000000
12000000
10000000
8000000
6000000
4000000
2000000
0
ctr
AIIB2

Figure 13


B
AIIB2
ctr
Day 0
Day 7

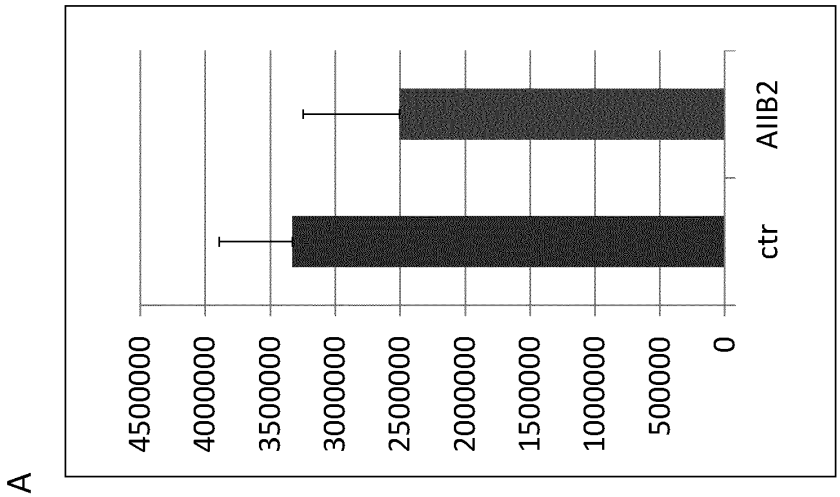
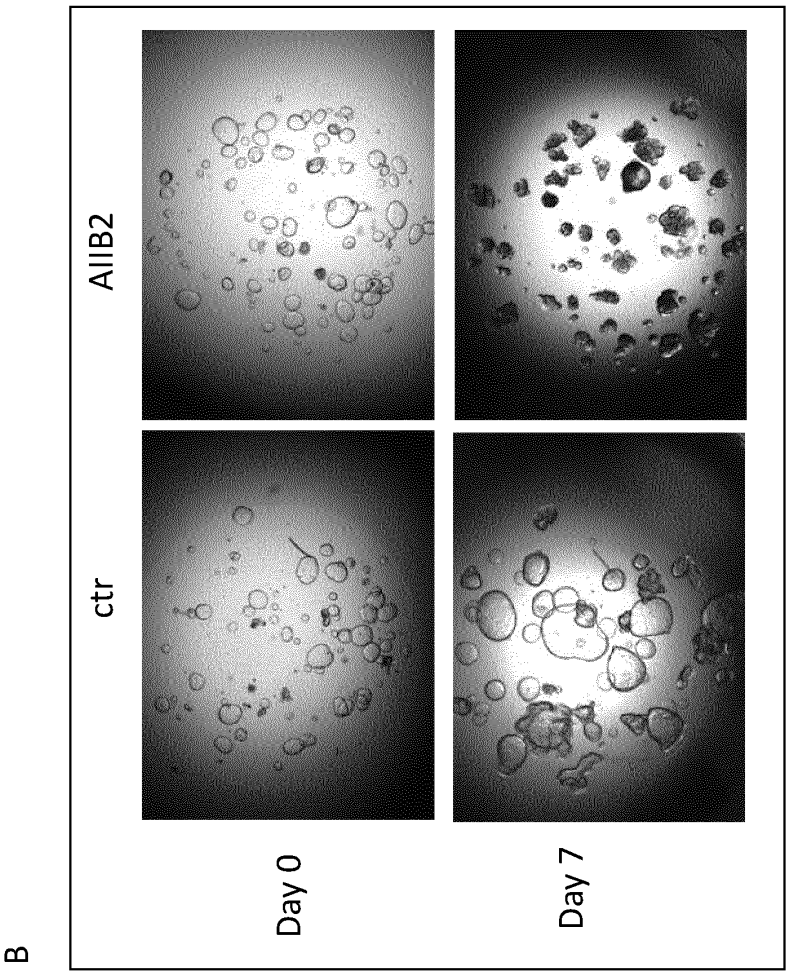

A
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
ctr
AIIB2

Figure 14


B
ctr
AIIB2
Day 0
Day 7

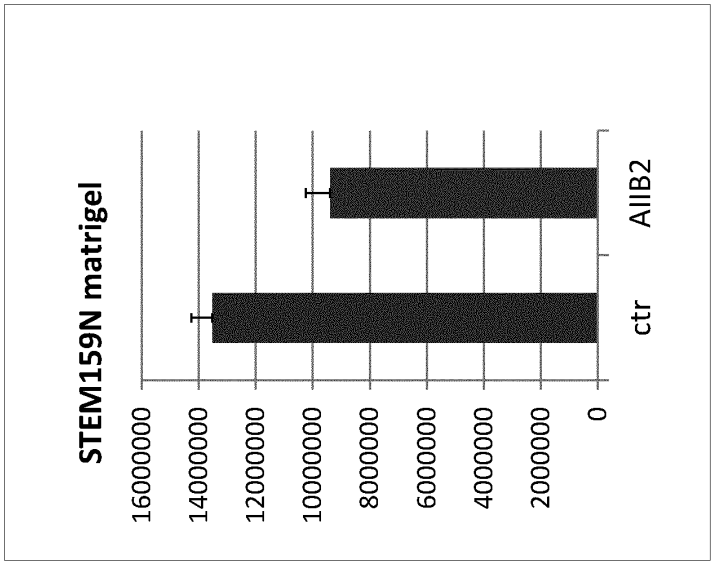

A
STEM159N matrigel
16000000
14000000
12000000
10000000
8000000
6000000
4000000
2000000
0
ctr
AIIB2

Figure 15

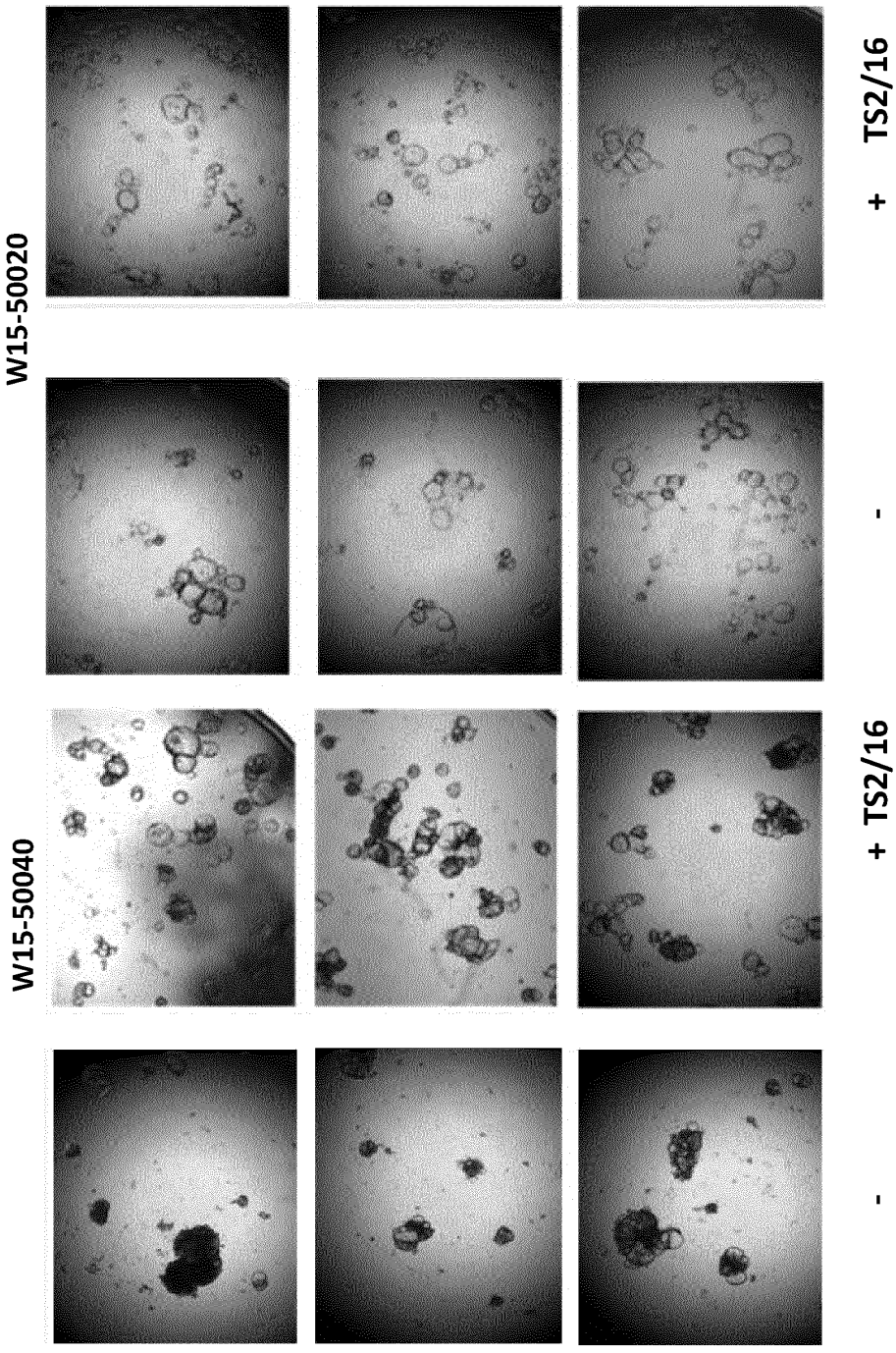


Figure 16A

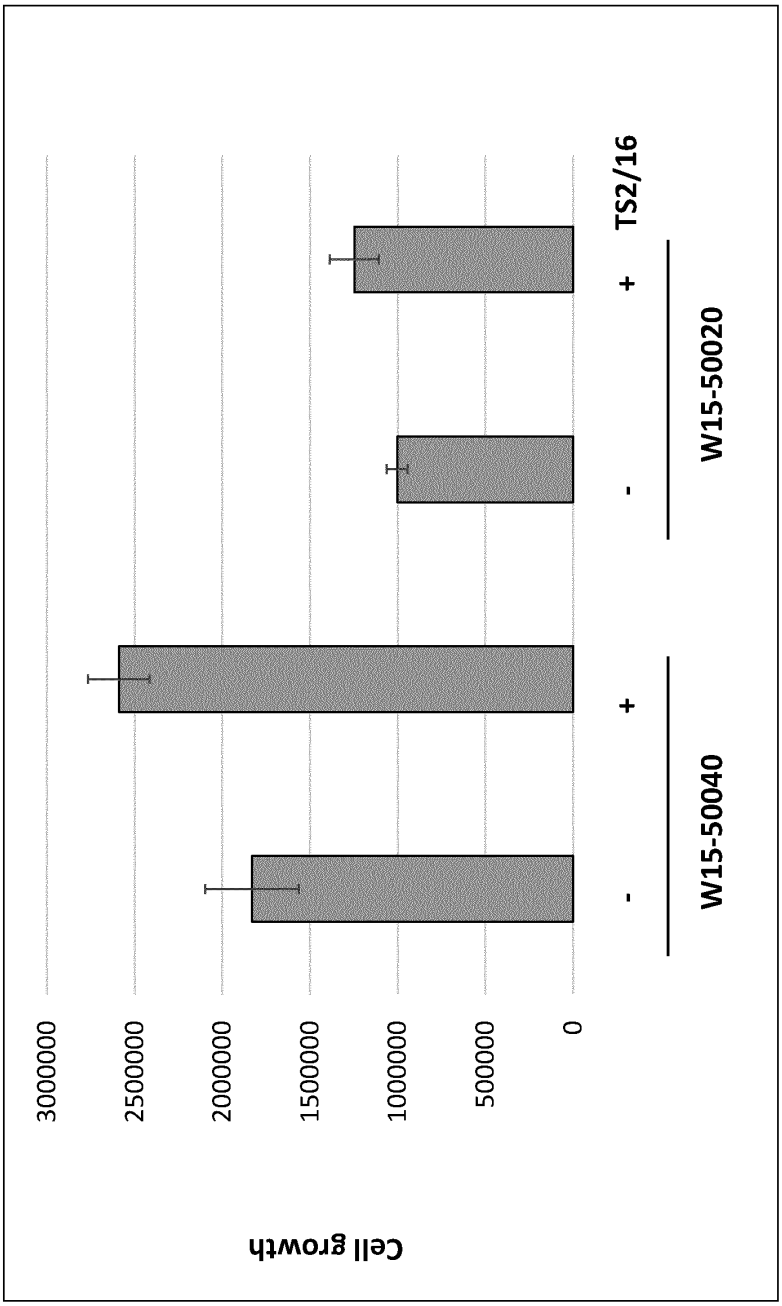

Cell growth
3000000
2500000
2000000
1500000
1000000
500000
0
W15-50040
W15-50020
TS2/16
-
+
-
+

Figure 16B

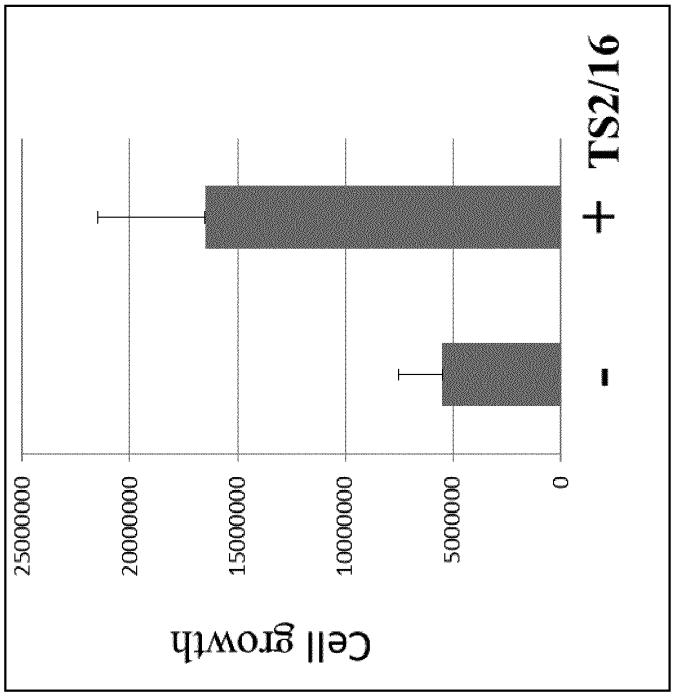

Cell growth
25000000
20000000
15000000
10000000
5000000
0
-
+ TS2/16

Figure 17A

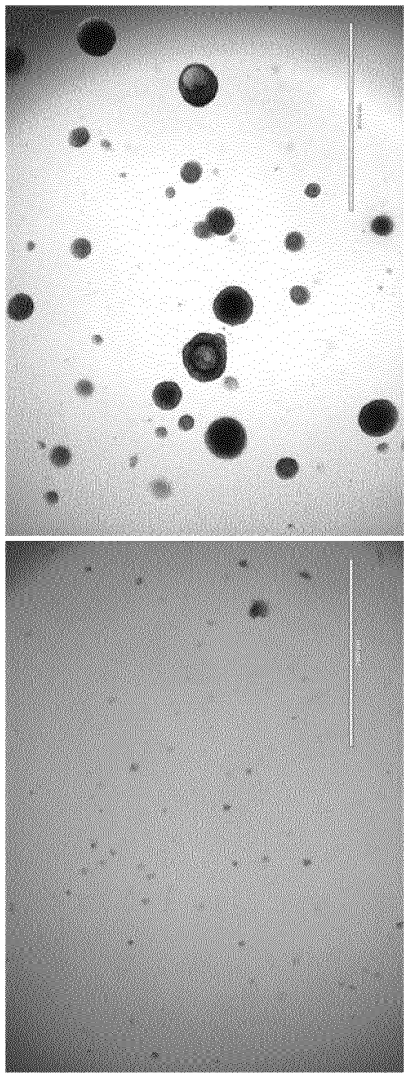
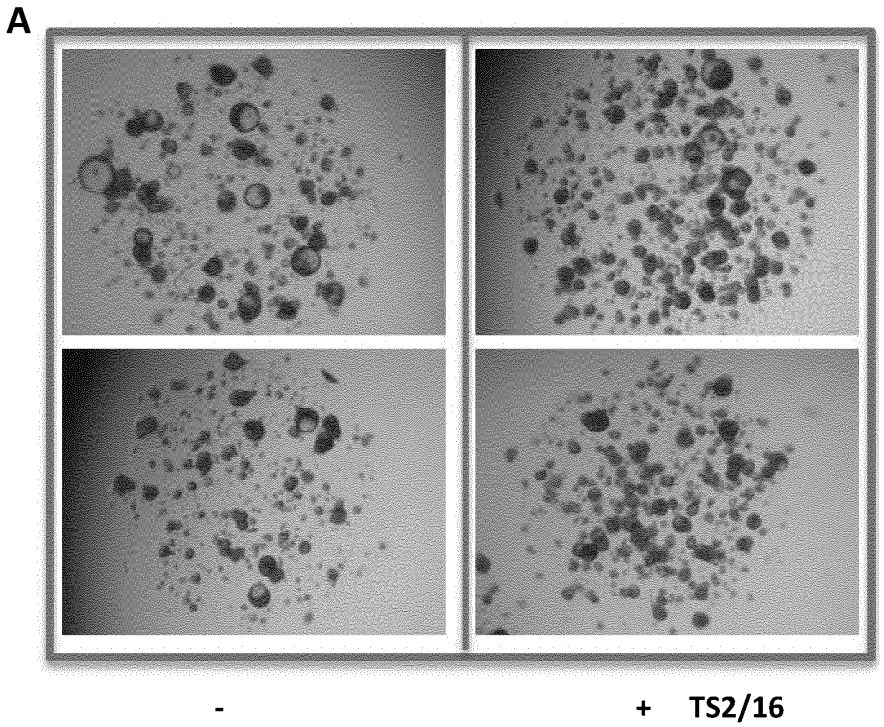


Figure 17B


A
-
+ TS2/16

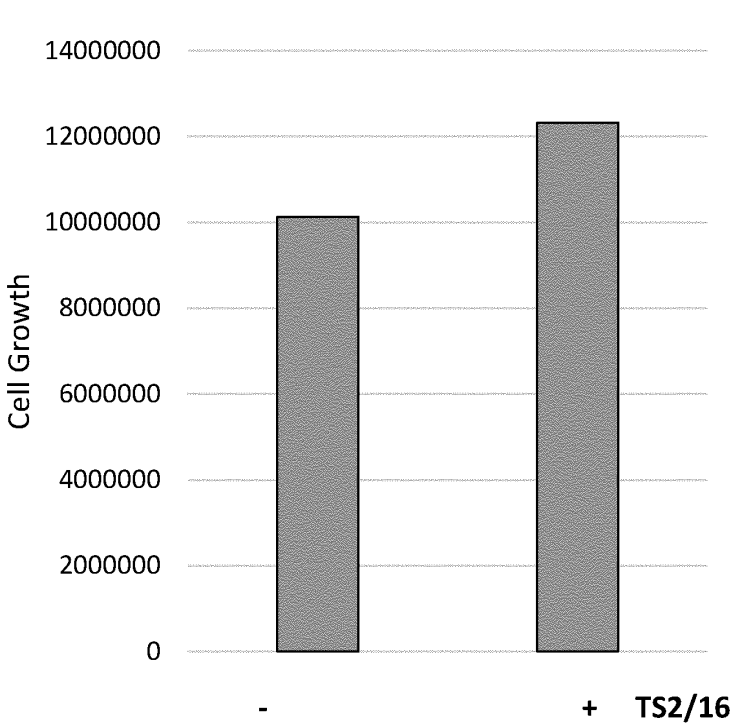

B
14000000
12000000
10000000
8000000
6000000
4000000
2000000
0
Cell Growth
-
+ TS2/16

Figure 18

Figure 19

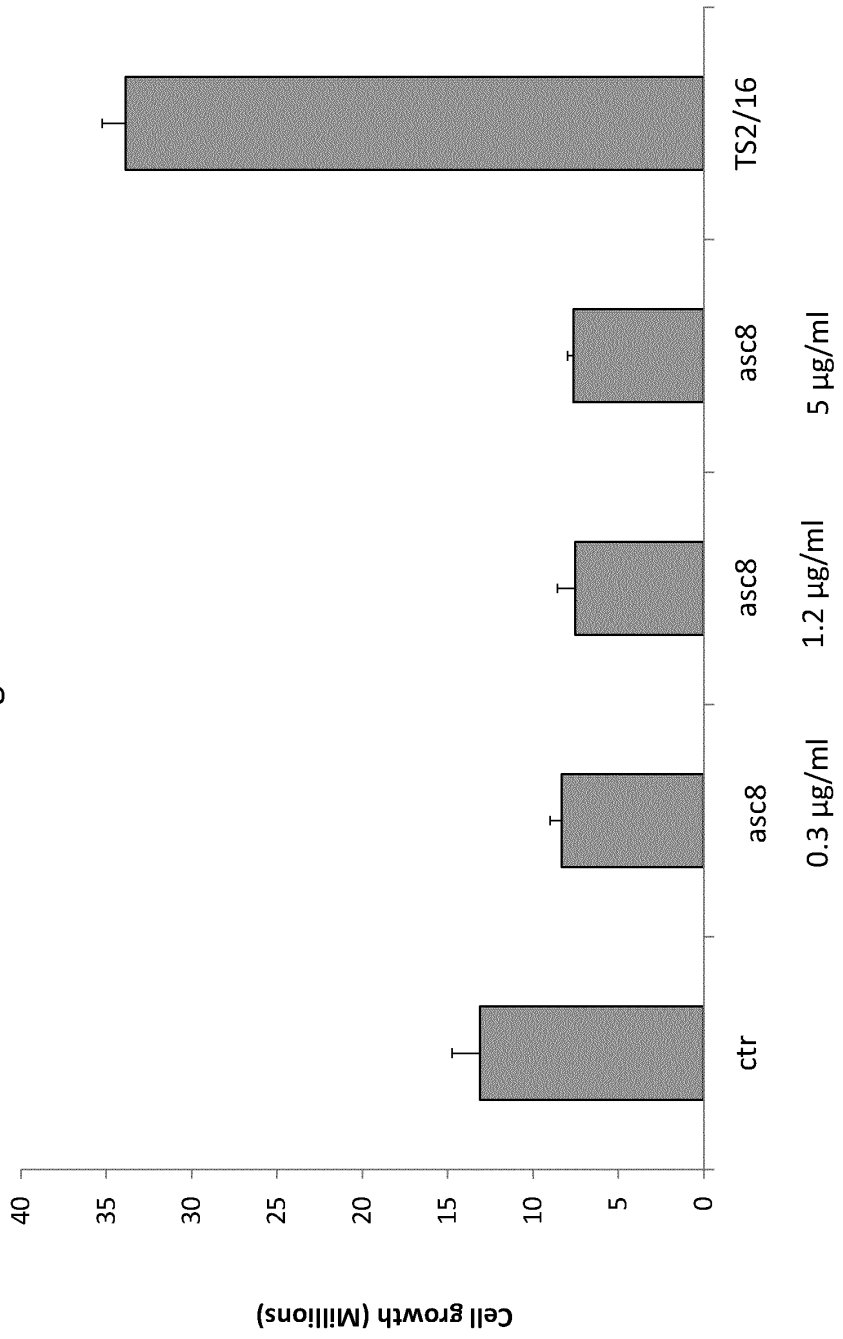
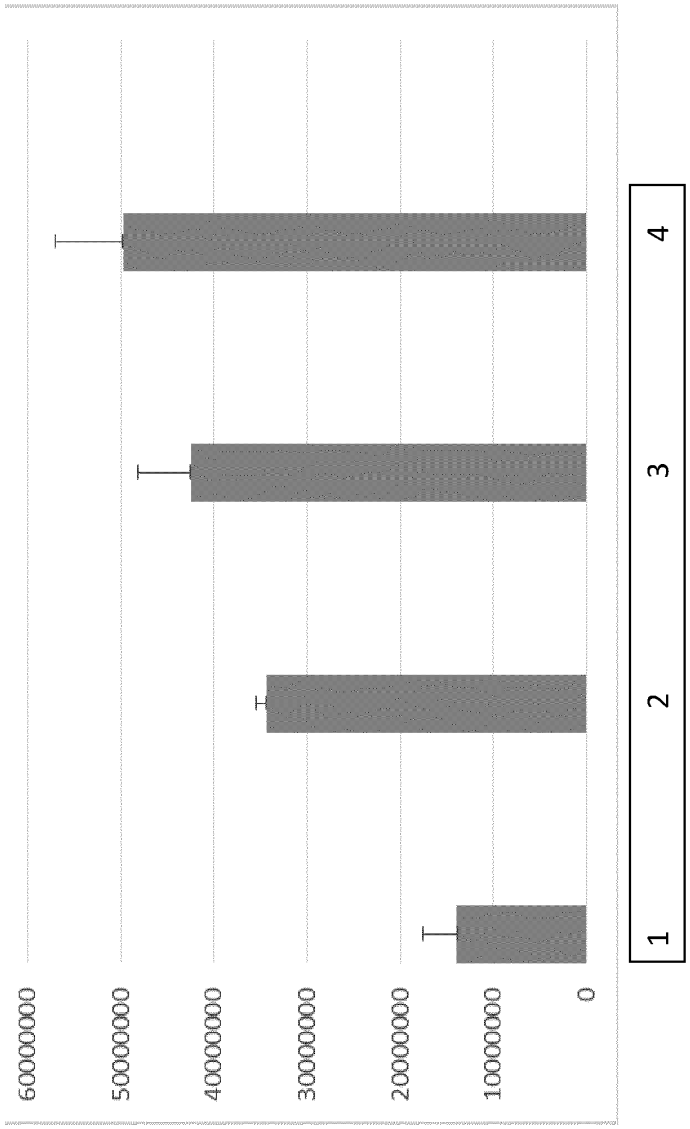

Cell growth (Millions)
0
5
10
15
20
25
30
35
40
ctr
asc8
asc8
asc8
TS2/16
0.3 µg/ml
1.2 µg/ml
5 µg/ml

Figure 20


60000000
50000000
40000000
30000000
20000000
10000000
0
1
2
3
4