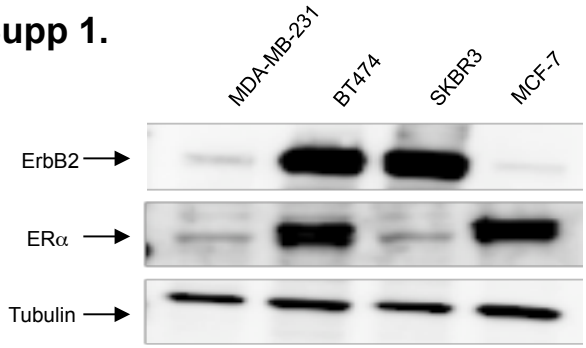
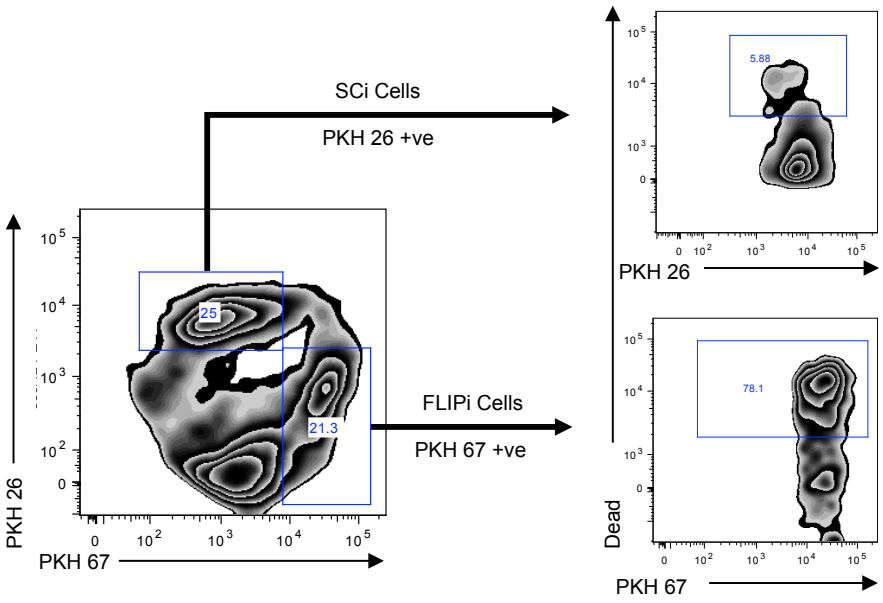
Supp 1.



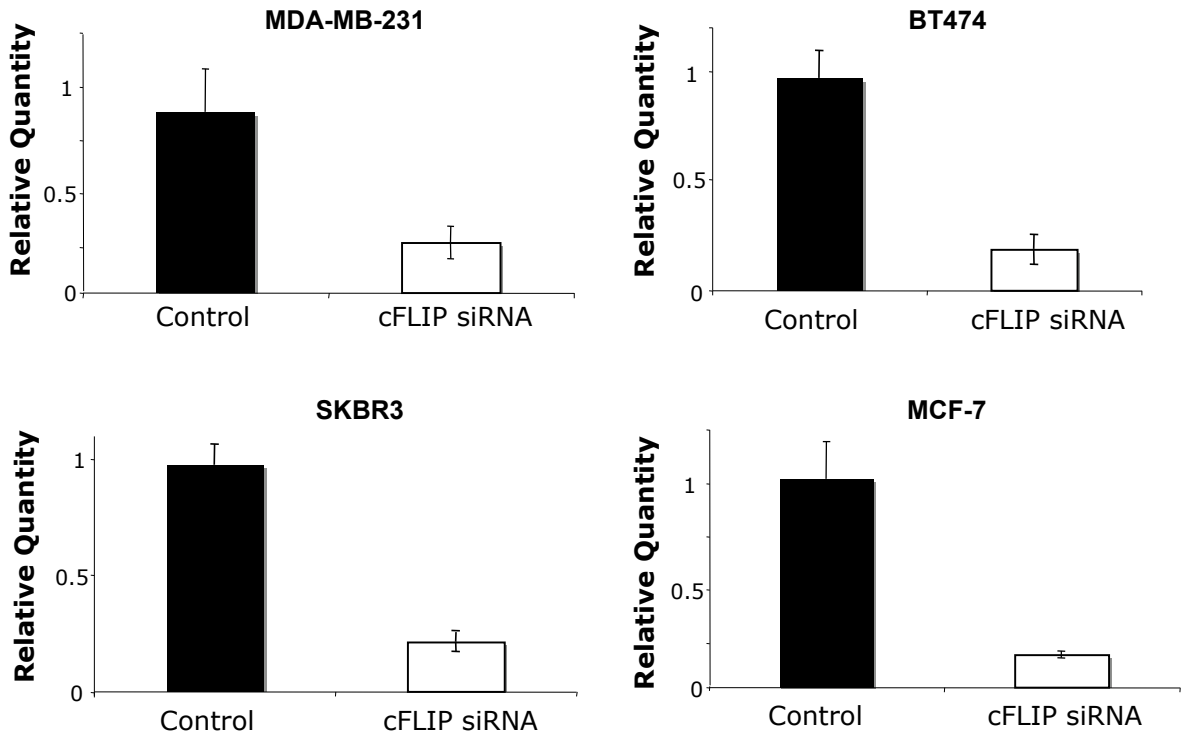
Supp 2.

A

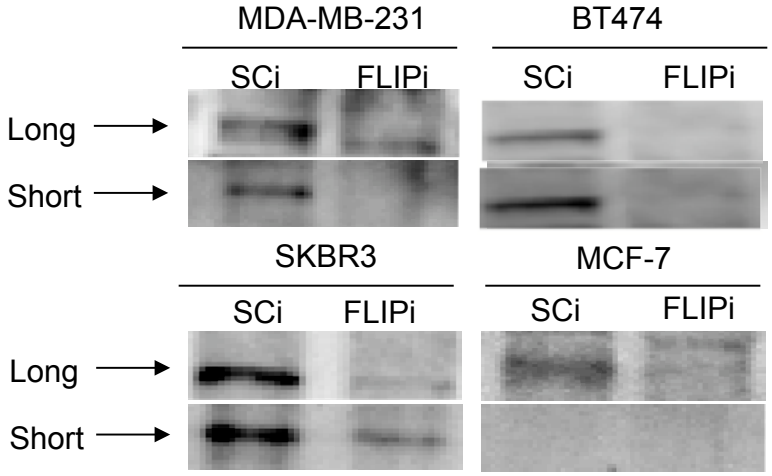

SCi Cells
PKH 26 +ve
FLIPi Cells
PKH 67 +ve
25
21.3
5.88
78.1
PKH 26
PKH 67
Dead

Supp 3.

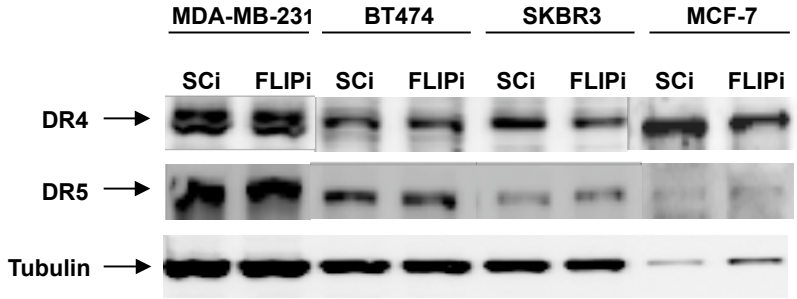
A


MDA-MB-231
BT474
SKBR3
MCF-7
Relative Quantity
1
0.5
0
Control
cFLIP siRNA

B

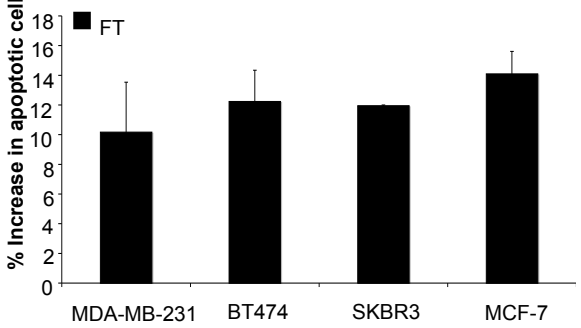

MDA-MB-231
BT474
SKBR3
MCF-7
SCi
FLIPi
Long
Short

C

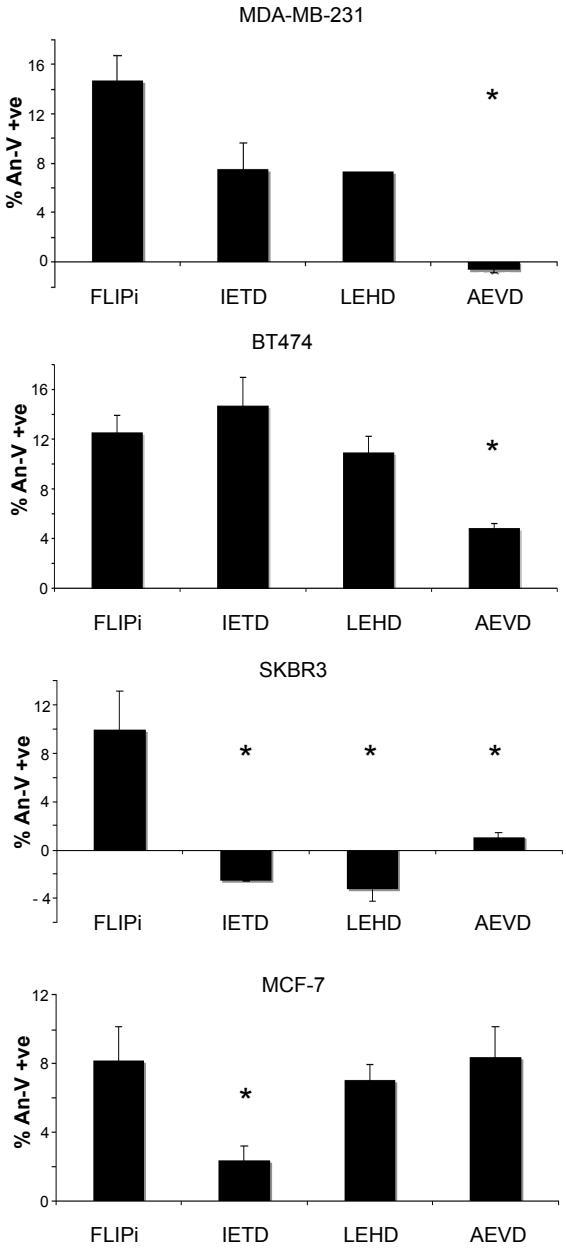

MDA-MB-231
BT474
SKBR3
MCF-7
SCi
FLIPi
DR4
DR5
Tubulin

Supp. 4

A

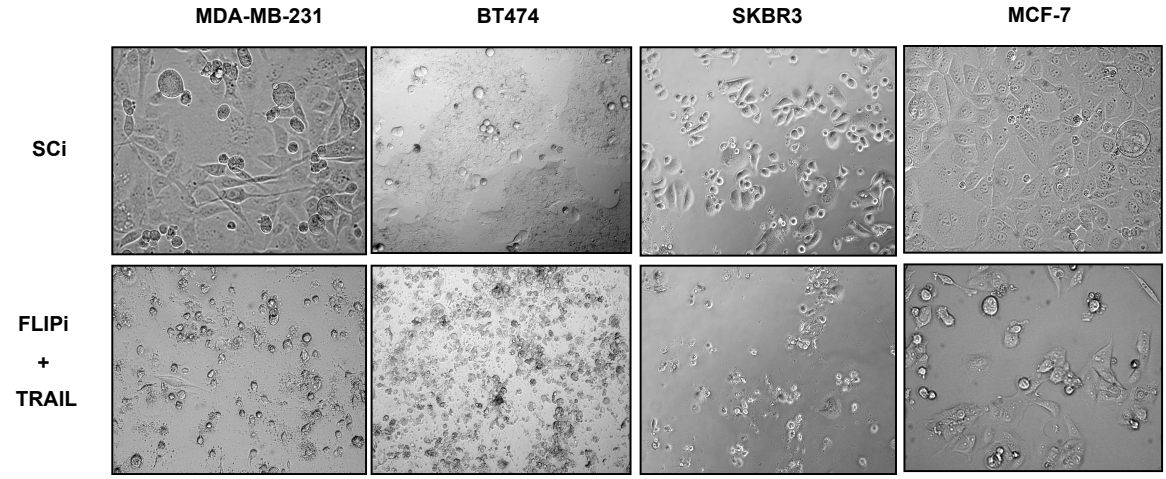

% Increase in apoptotic cells
FT
18
16
14
12
10
8
6
4
2
0
MDA-MB-231
BT474
SKBR3
MCF-7

B

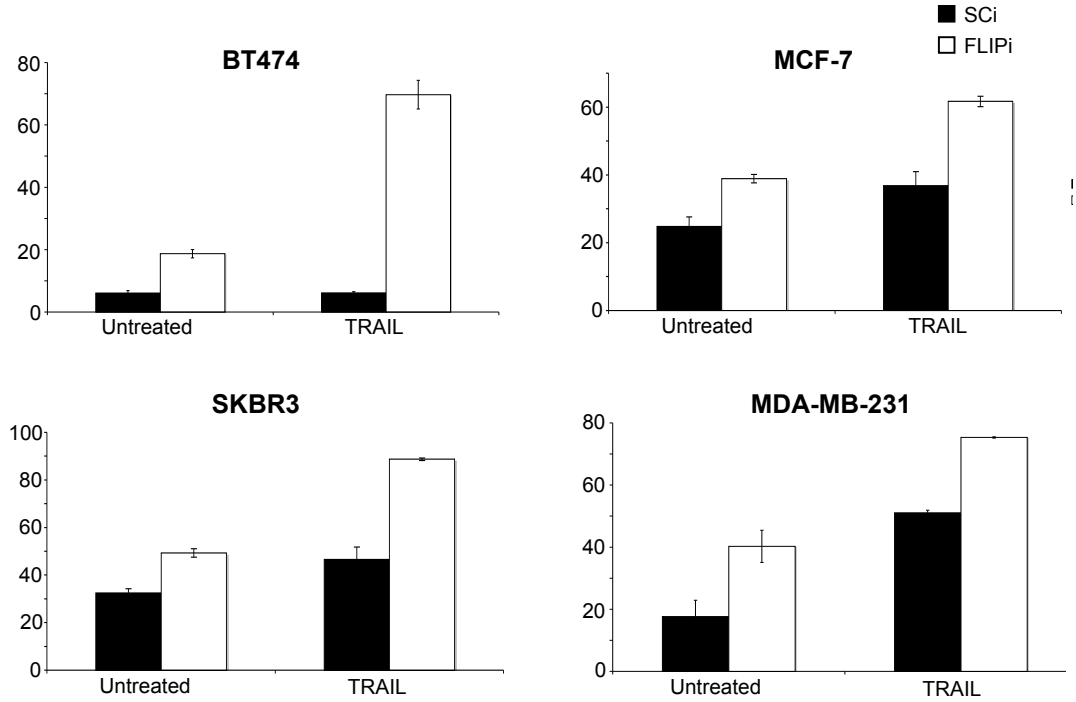

MDA-MB-231
% An-V +ve
16
12
8
4
0
*
FLIPi
IETD
LEHD
AEVD
BT474
% An-V +ve
16
12
8
4
0
*
FLIPi
IETD
LEHD
AEVD
SKBR3
% An-V +ve
12
8
4
0
- 4
*
*
*
FLIPi
IETD
LEHD
AEVD
MCF-7
% An-V +ve
12
8
4
0
*
FLIPi
IETD
LEHD
AEVD

Supp 5.

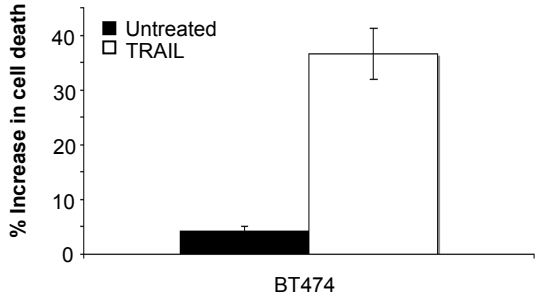
A

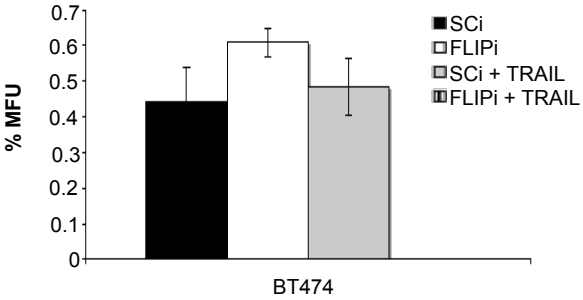

MDA-MB-231
BT474
SKBR3
MCF-7
SCi
FLIPi
+
TRAIL

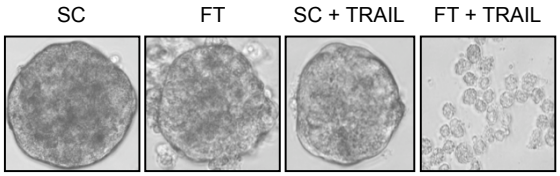
B


SCi
FLIPi
BT474
MCF-7
SKBR3
MDA-MB-231
Untreated
TRAIL
0
20
40
60
80
100

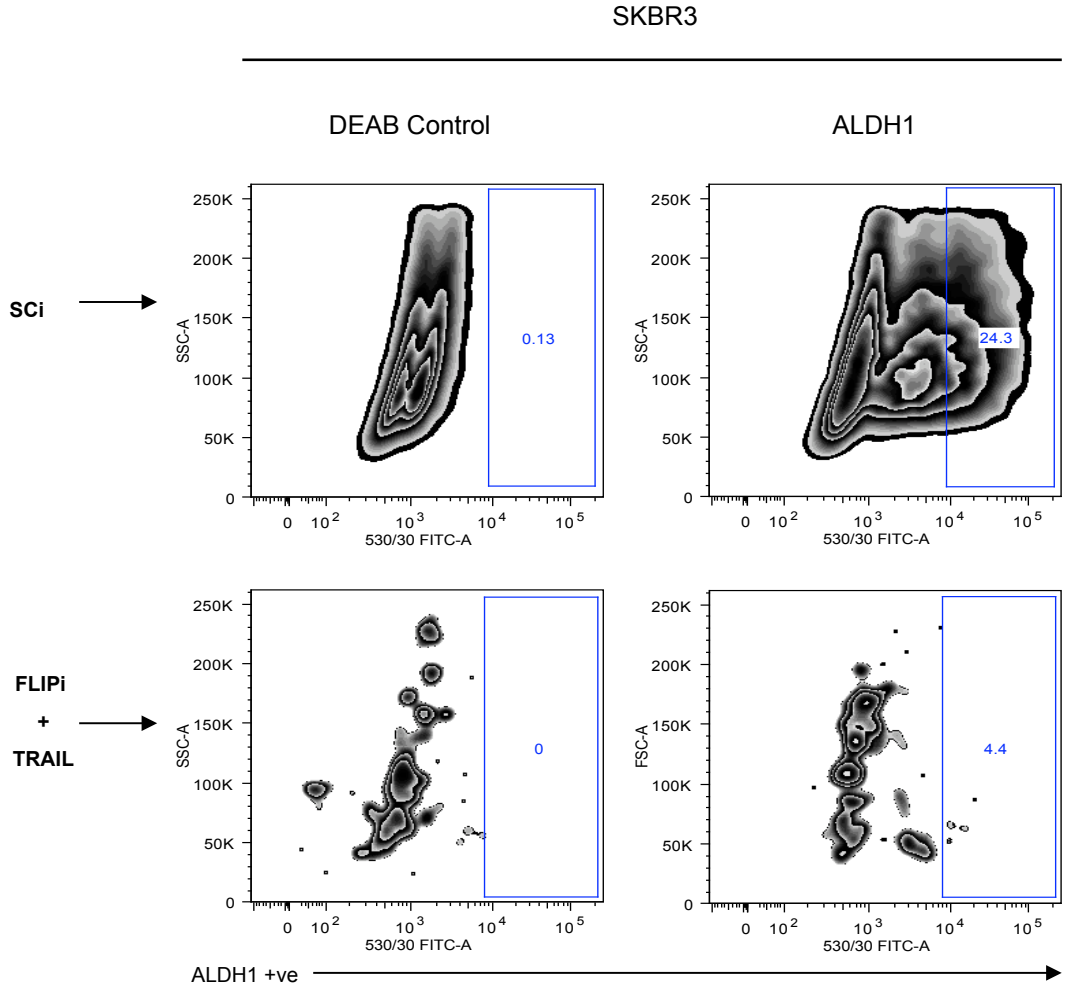
Supp 6.


% Increase in cell death
Untreated
TRAIL
40
30
20
10
0
BT474


% MFU
SCi
FLIPi
SCi + TRAIL
FLIPi + TRAIL
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
BT474

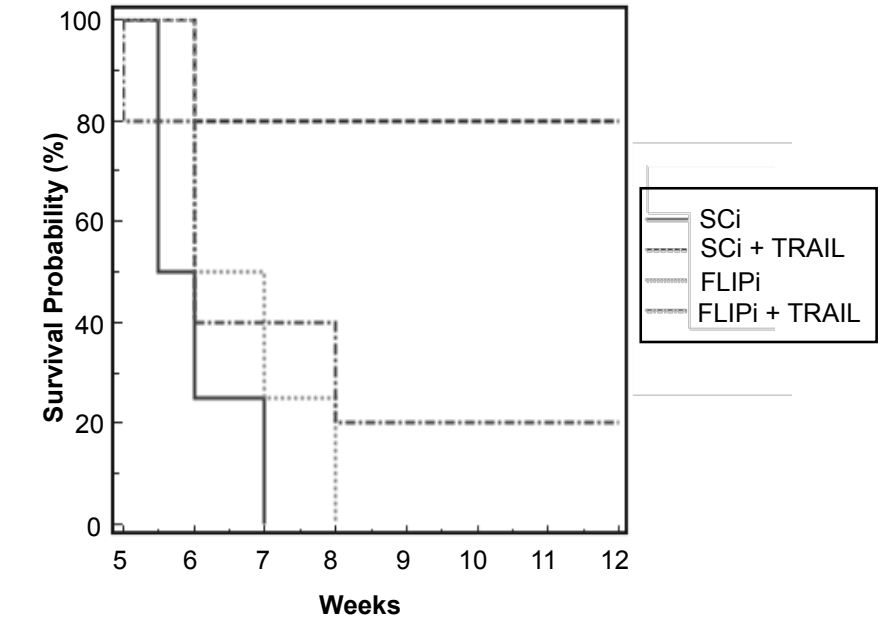

SC
FT
SC + TRAIL
FT + TRAIL

Supp 7.

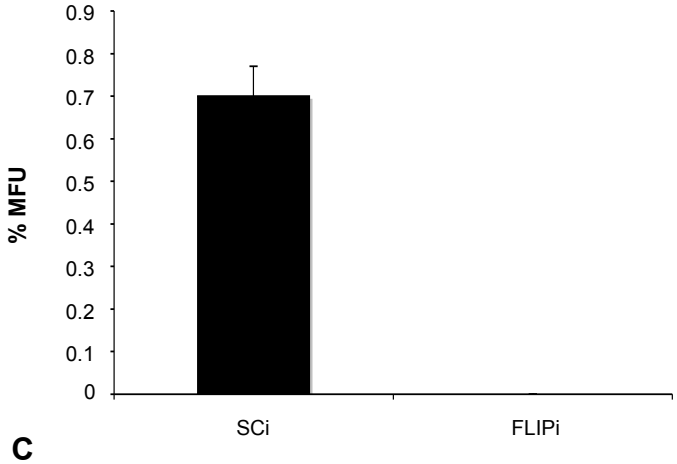

SKBR3
DEAB Control
ALDH1
SCi
FLIPi
+
TRAIL
SSC-A
FSC-A
530/30 FITC-A
250K
200K
150K
100K
50K
0
0.13
24.3
0
4.4
ALDH1 +ve

Supp 8.

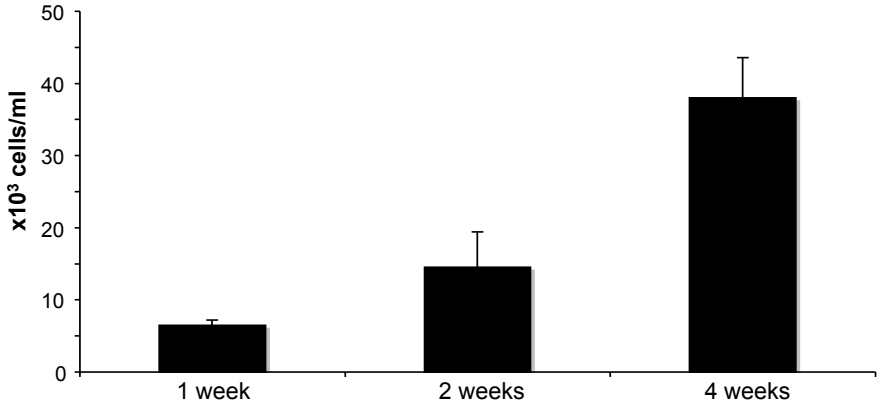
A


100
80
60
40
20
0
Survival Probability (%)
5
6
7
8
9
10
11
12
Weeks
SCi
SCi + TRAIL
FLIPi
FLIPi + TRAIL

B


0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
% MFU
SCi
FLIPi

C


50
40
30
20
10
0
x10³ cells/ml
1 week
2 weeks
4 weeks