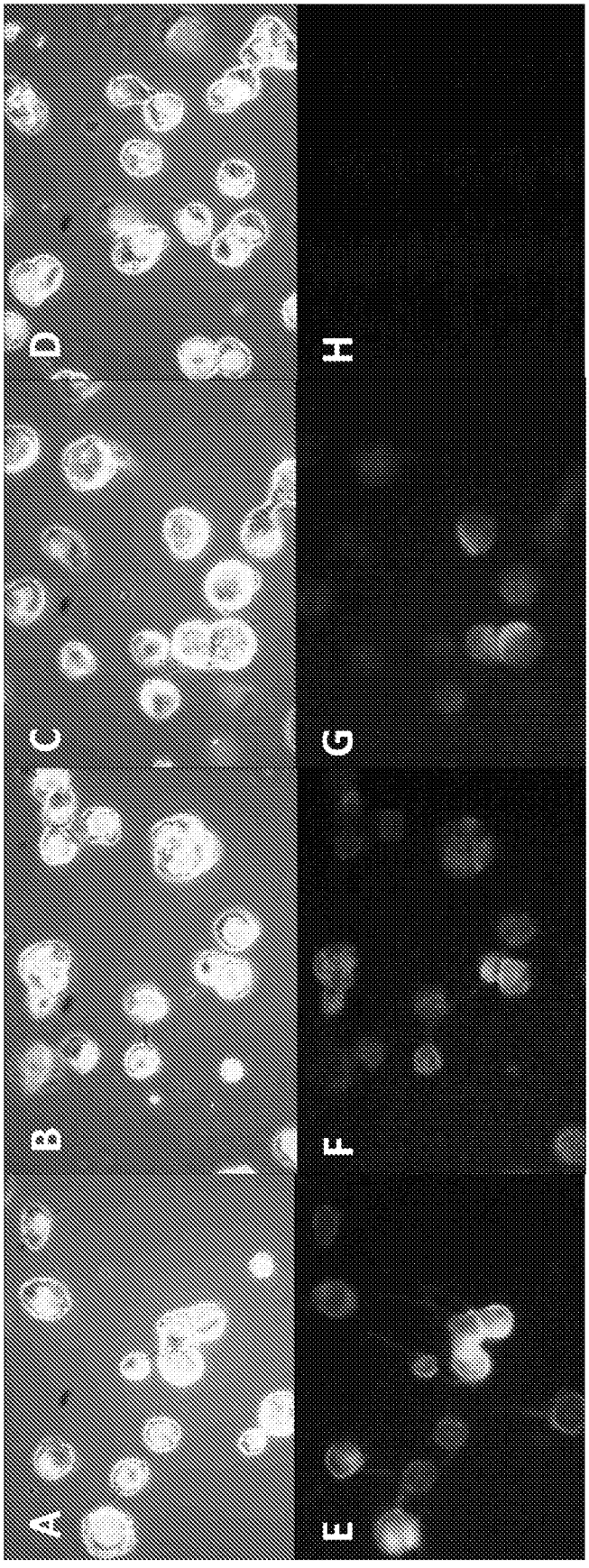


FIGURE ONE

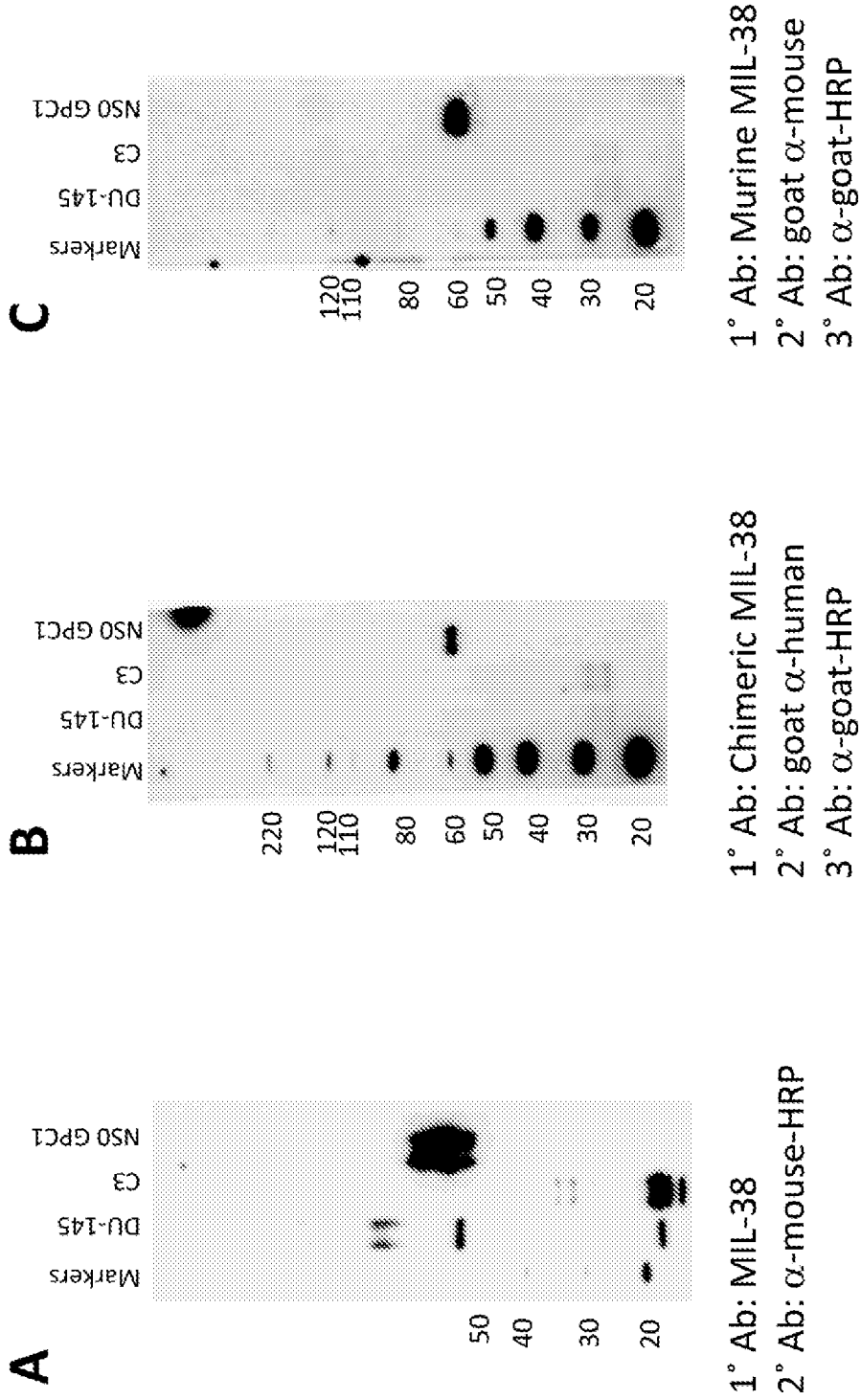

A
Markers
DU-145
C3
NS0 GPC1
50
40
30
20
1° Ab: MIL-38
2° Ab: α-mouse-HRP
B
Markers
DU-145
C3
NS0 GPC1
220
120
110
80
60
50
40
30
20
1° Ab: Chimeric MIL-38
2° Ab: goat α-human
3° Ab: α-goat-HRP
C
Markers
DU-145
C3
NS0 GPC1
120
110
80
60
50
40
30
20
1° Ab: Murine MIL-38
2° Ab: goat α-mouse
3° Ab: α-goat-HRP

FIGURE TWO

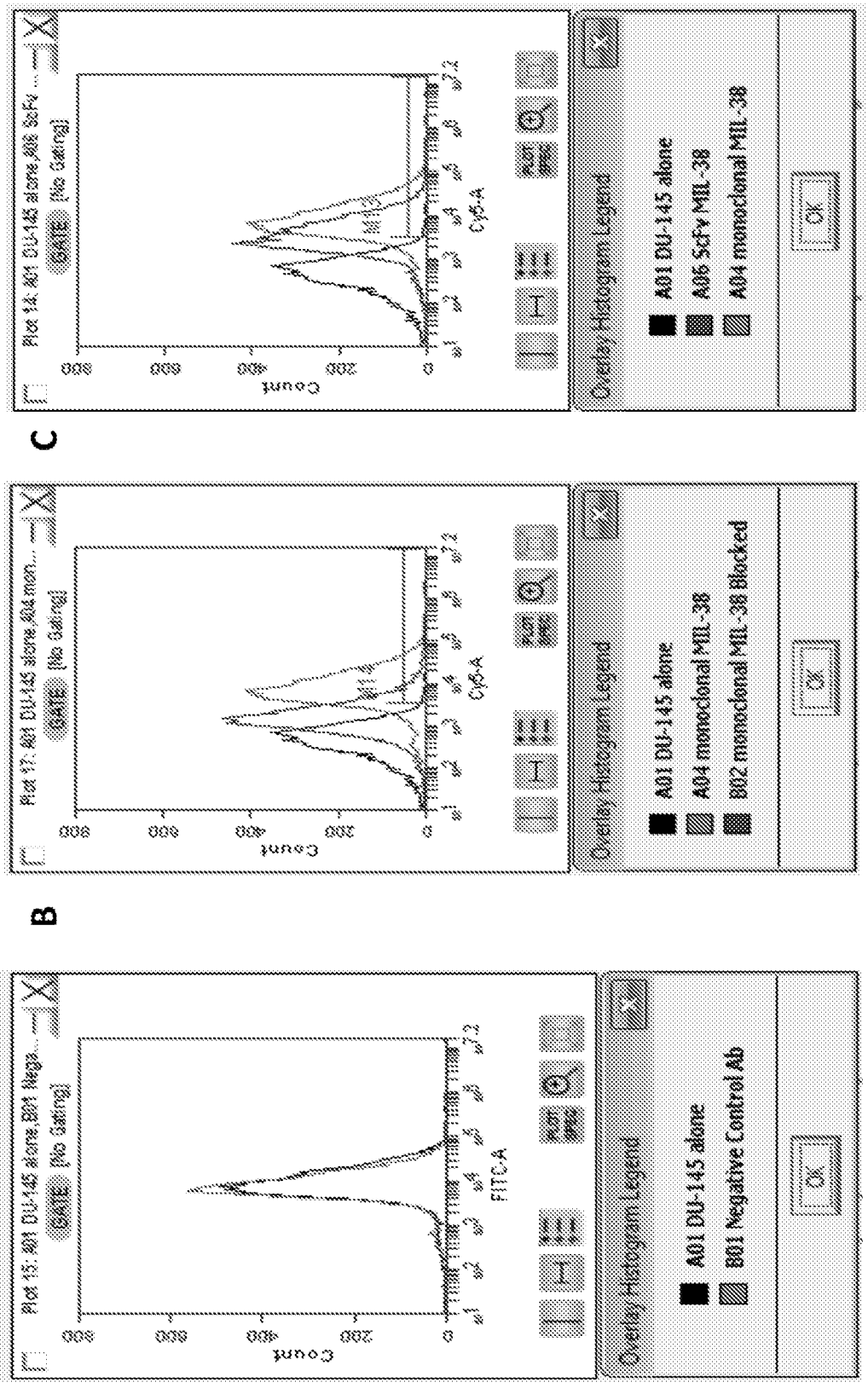


FIGURE THREE

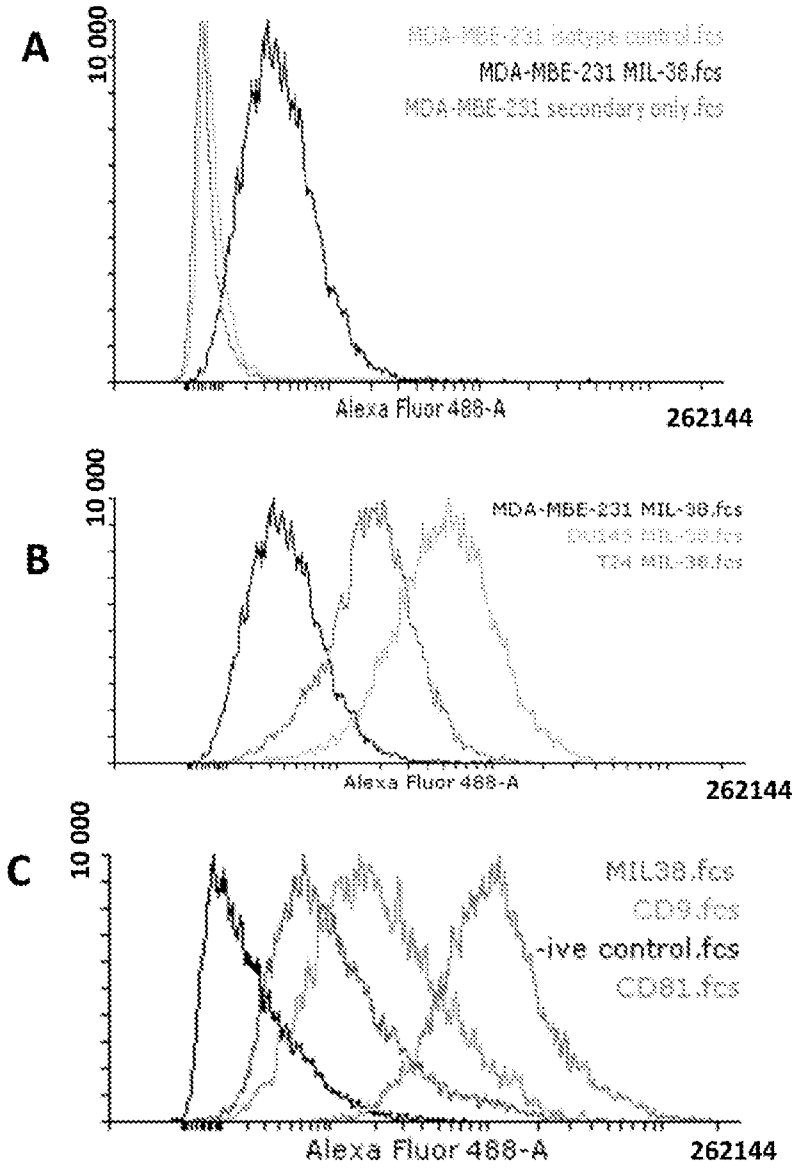

A
10 000
MDA-MBE-231 isotype control.fcs
MDA-MBE-231 MIL-38.fcs
MDA-MBE-231 secondary only.fcs
Alexa Fluor 488-A
262144
B
10 000
MDA-MBE-231 MIL-38.fcs
Alexa Fluor 488-A
262144
C
10 000
MIL38.fcs
CD9.fcs
-ive control.fcs
CD81.fcs
Alexa Fluor 488-A
262144

FIGURE FOUR

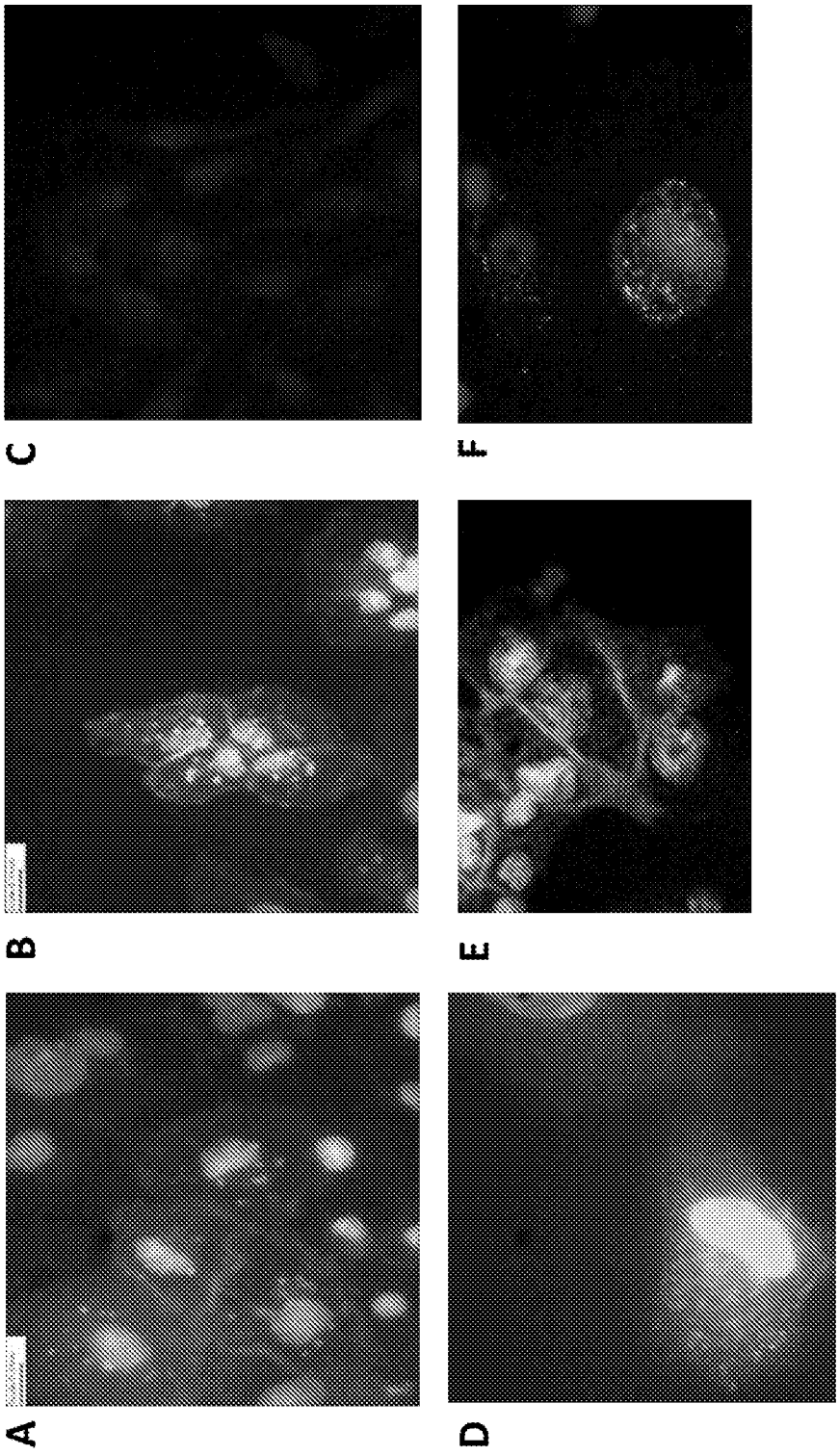


FIGURE FIVE

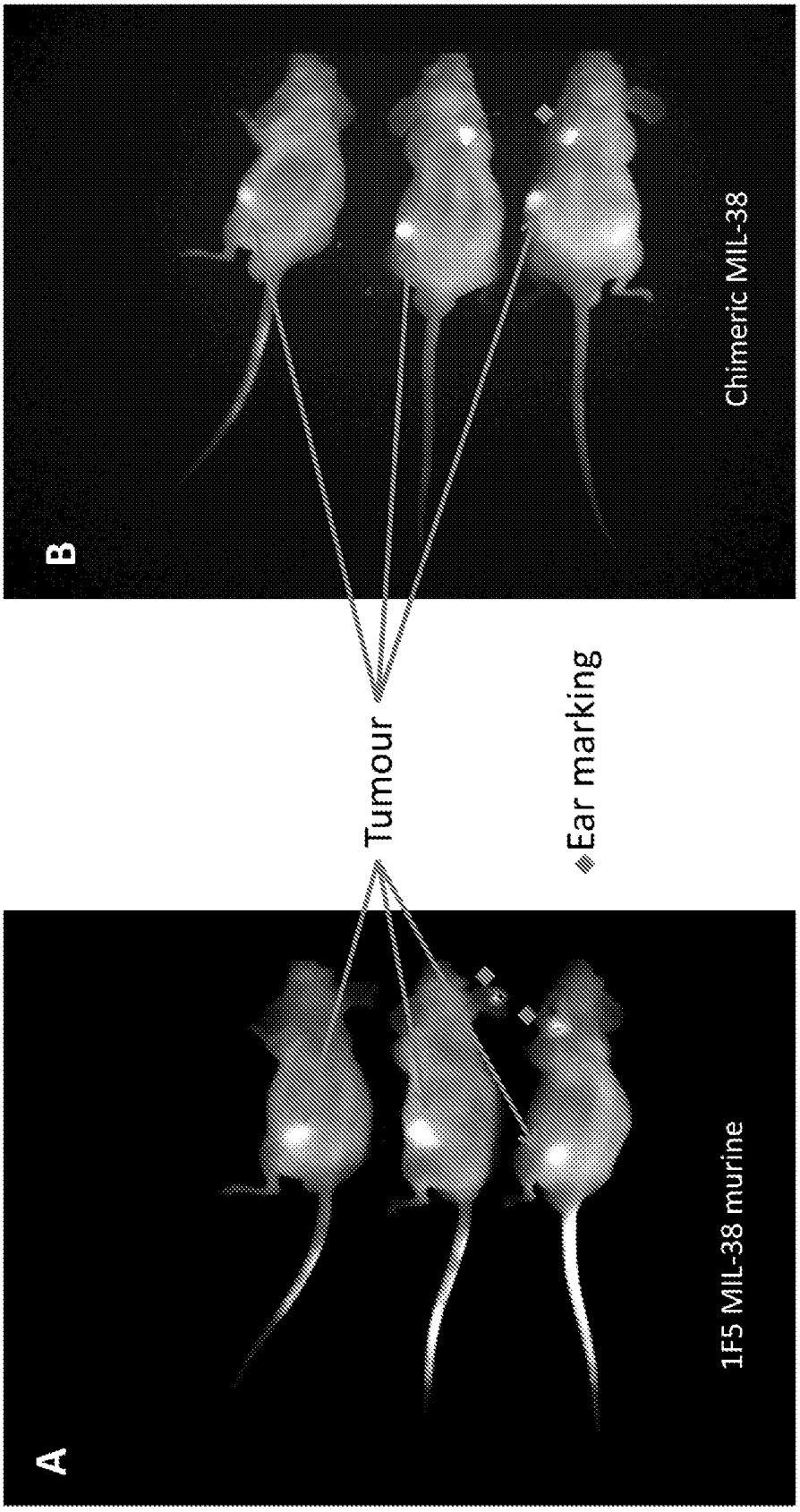


FIGURE SIX

A

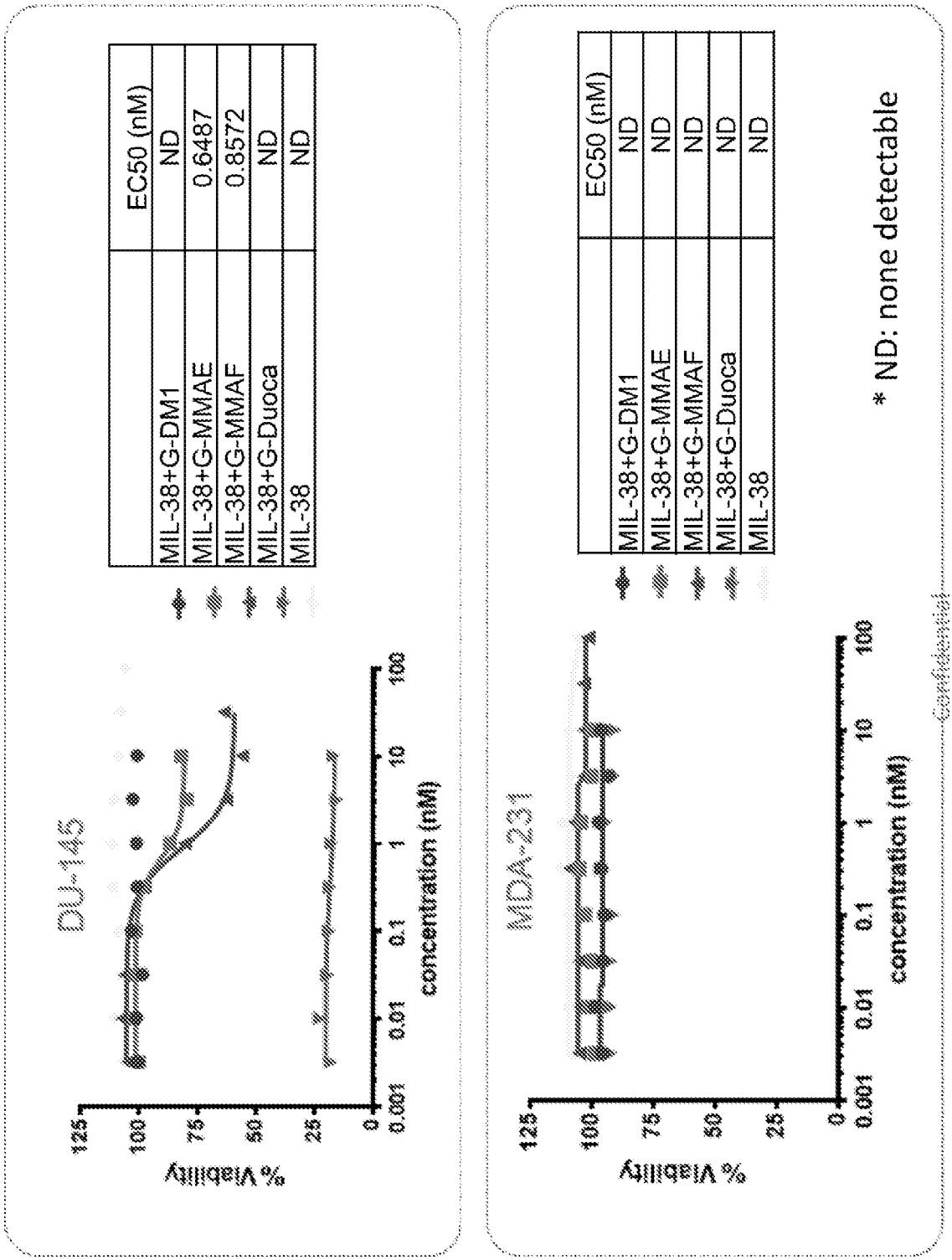


FIGURE SEVEN

B

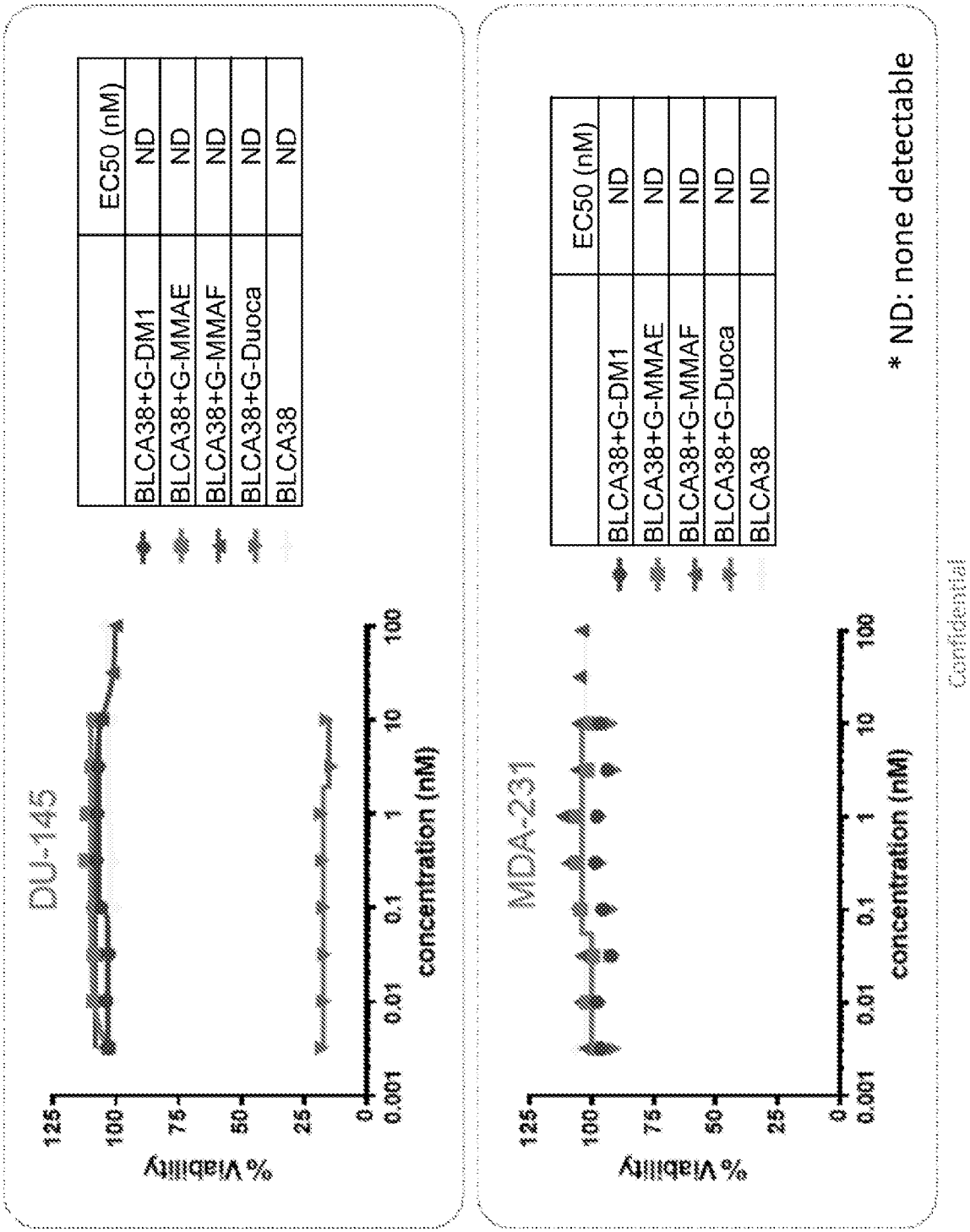
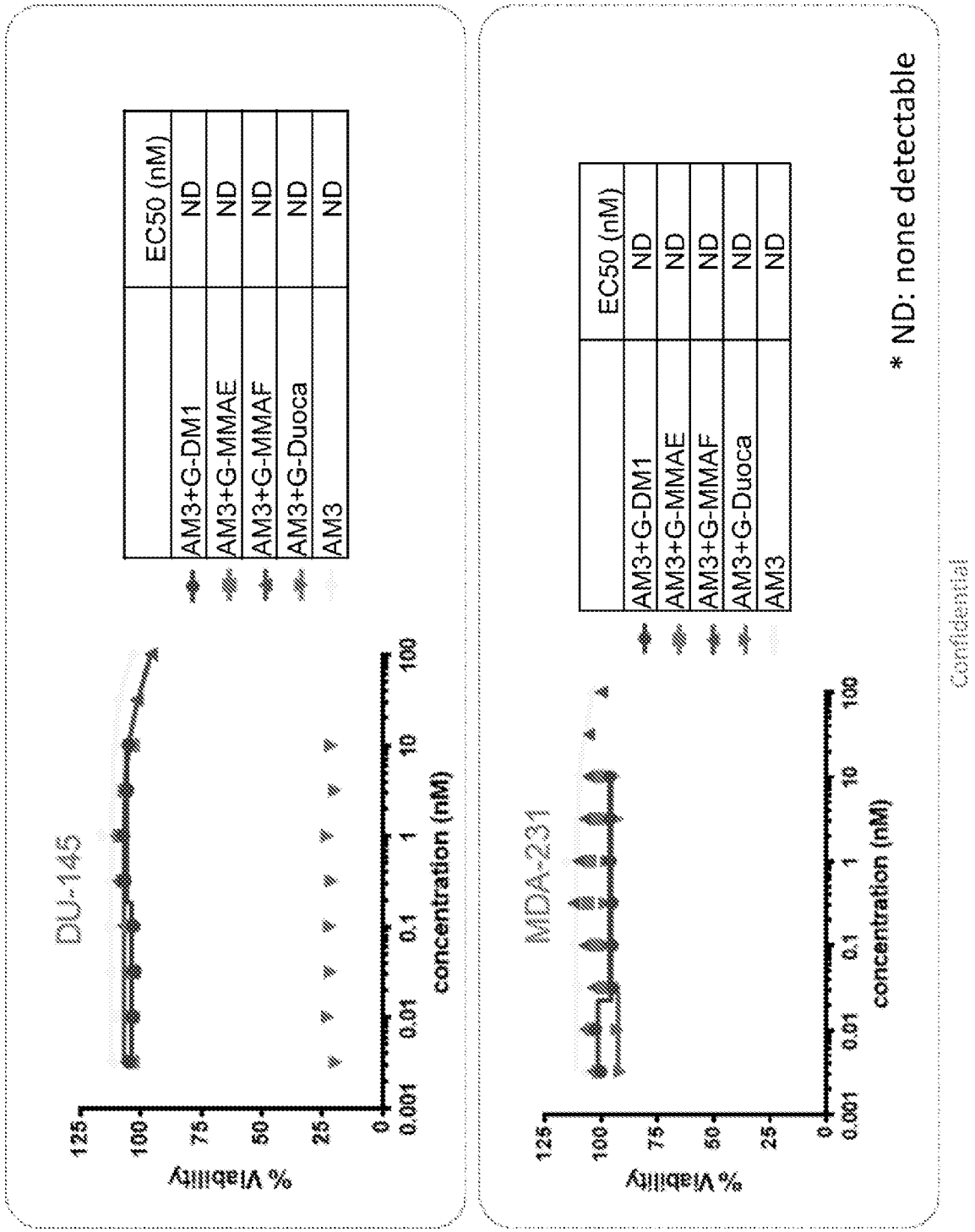


FIGURE SEVEN



C

FIGURE SEVEN

D

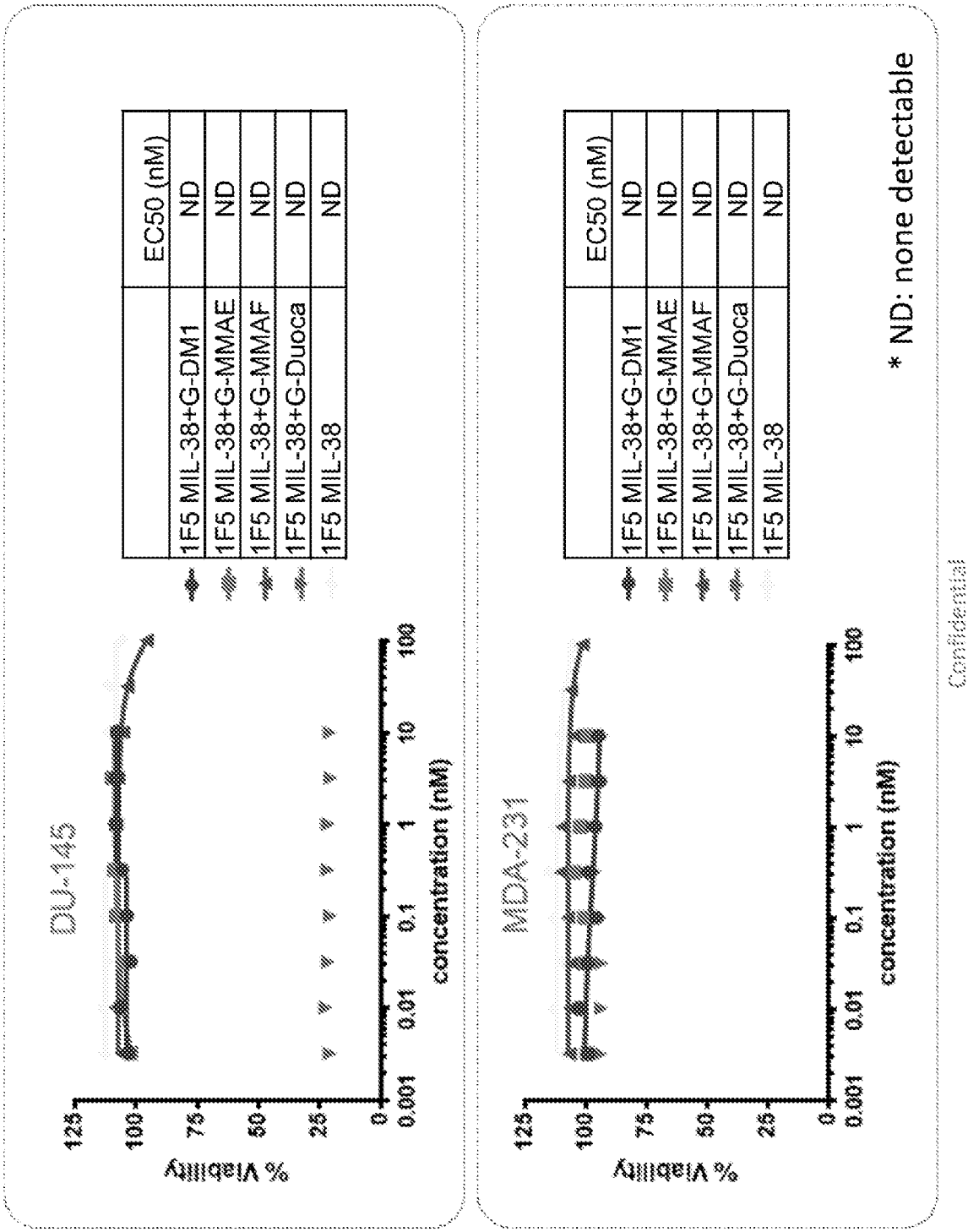
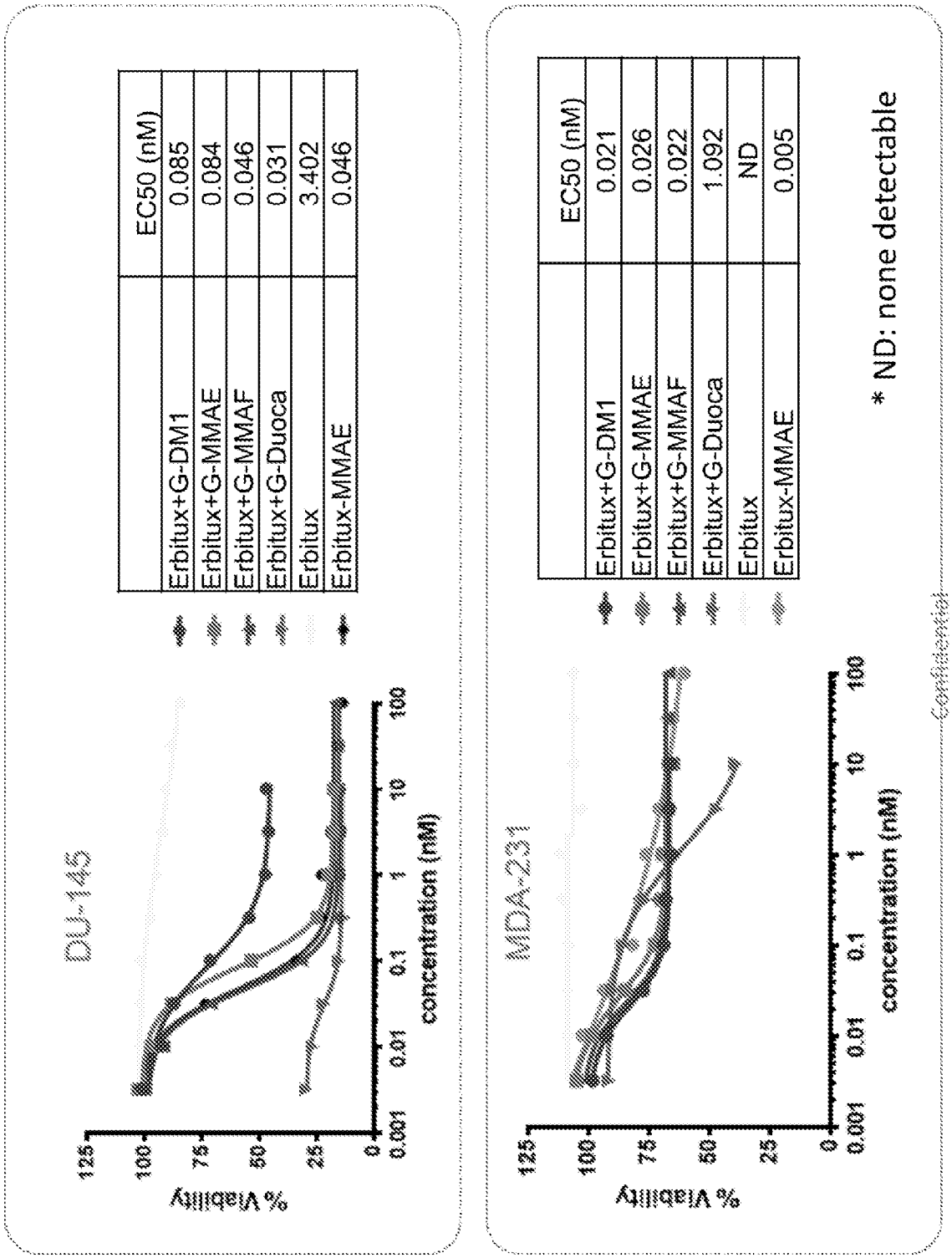
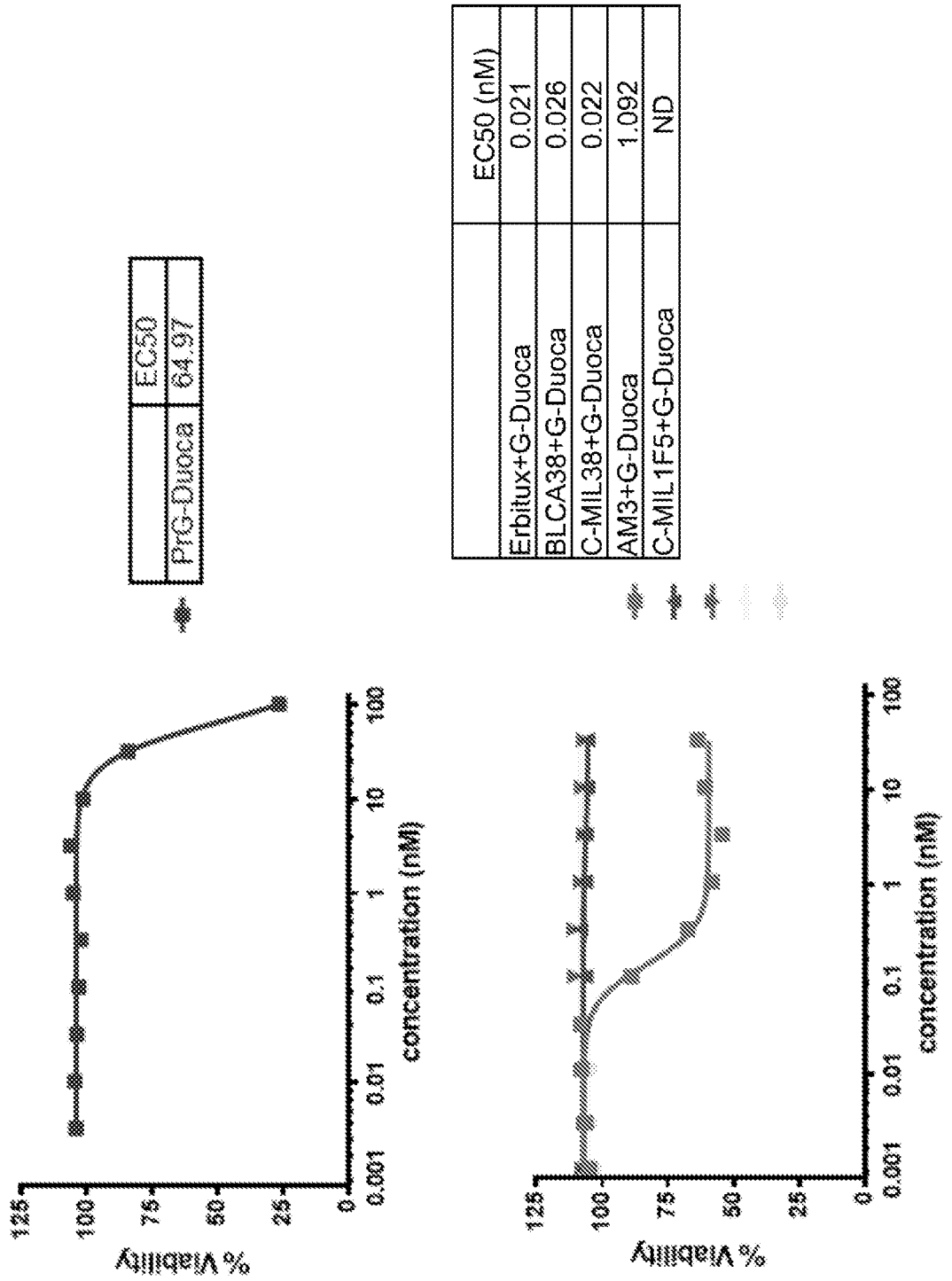


FIGURE SEVEN



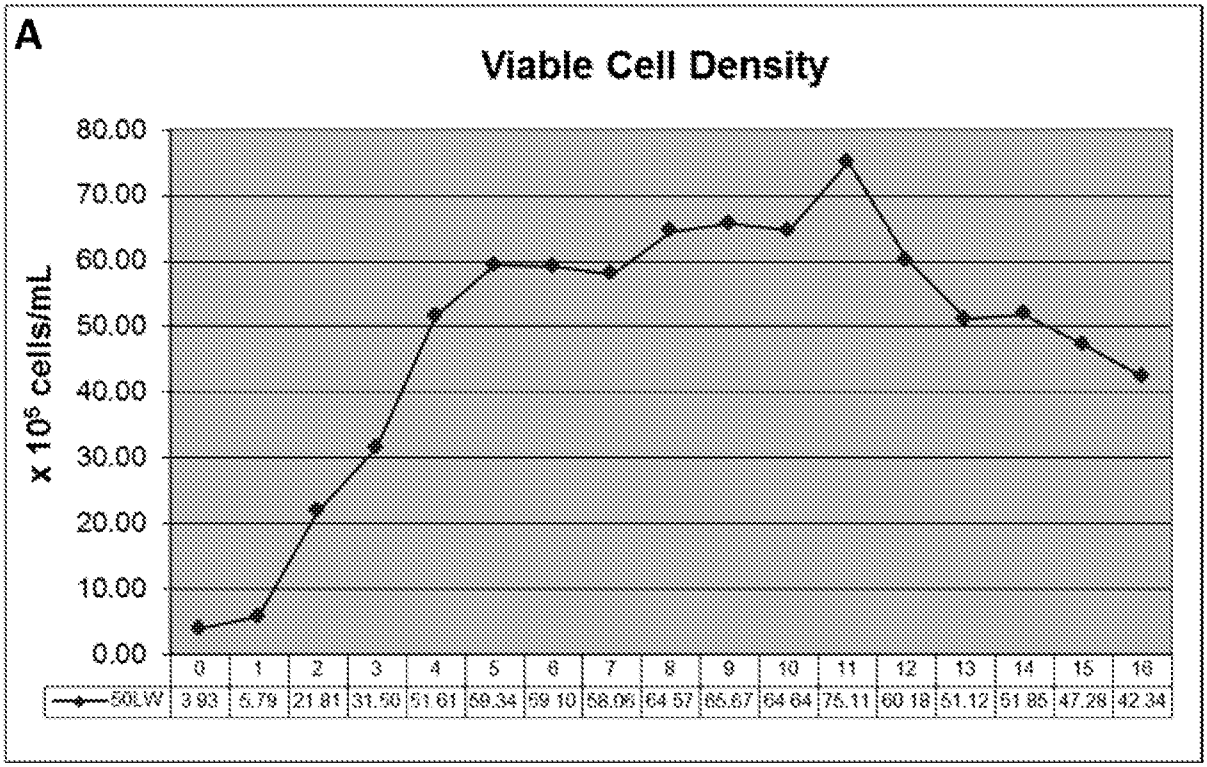
E

FIGURE SEVEN



F

FIGURE SEVEN



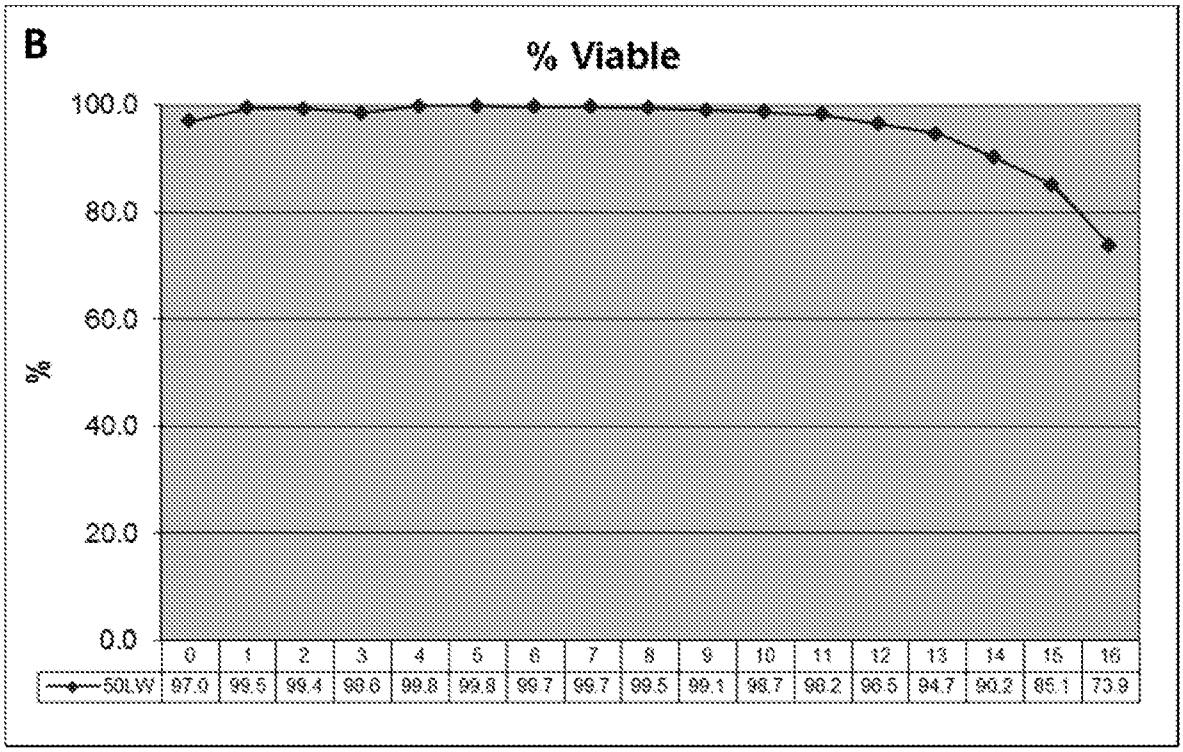


FIGURE EIGHT

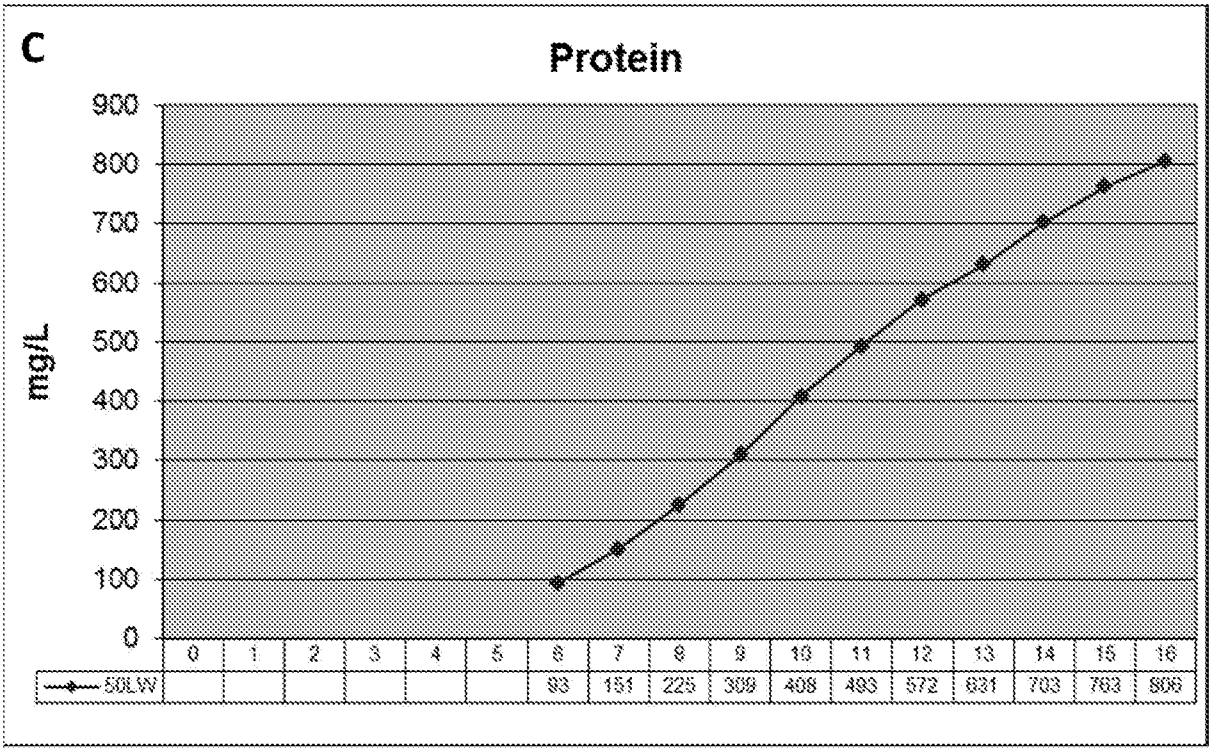


FIGURE EIGHT

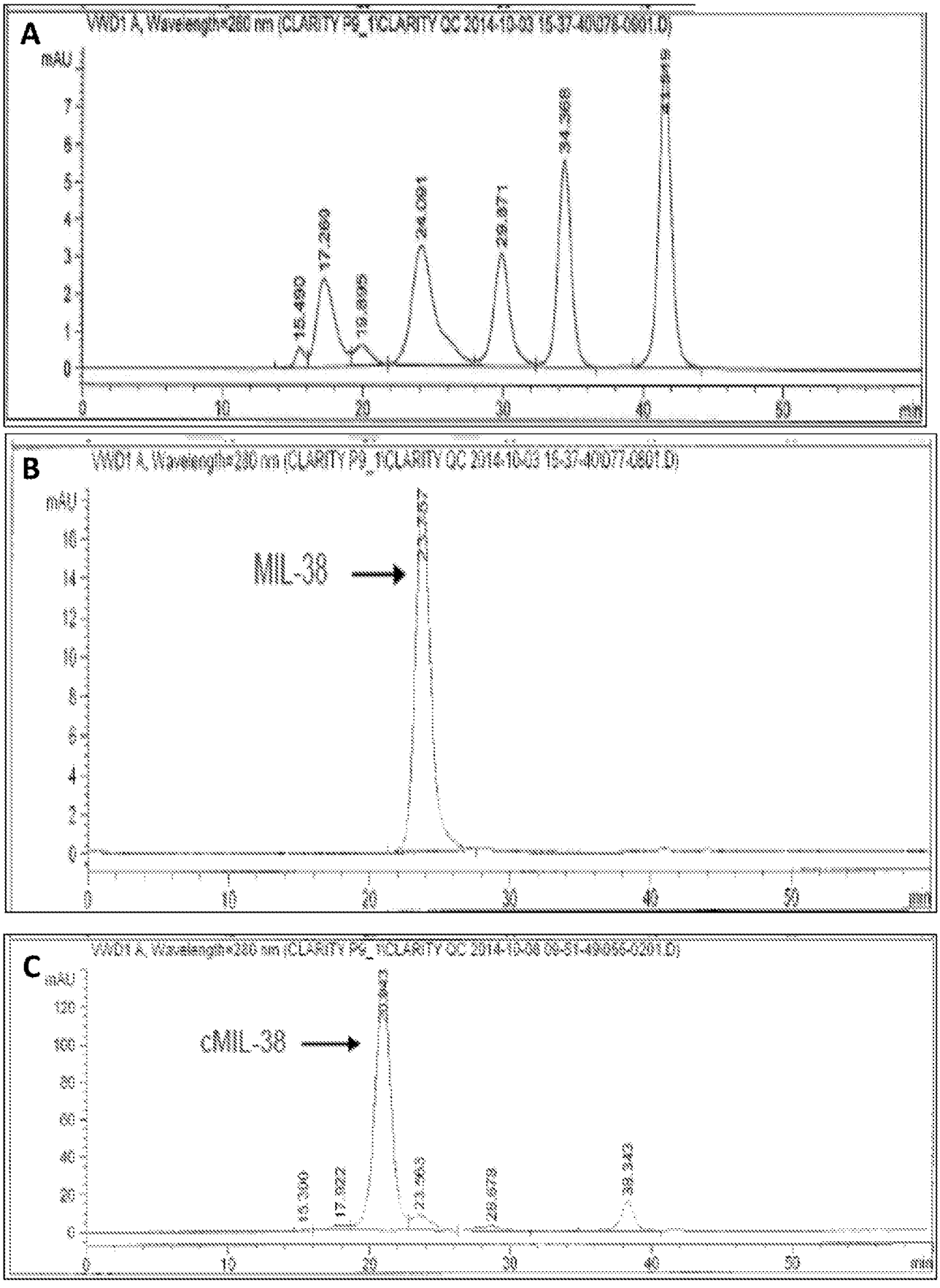

A
mAU
15.490
17.260
19.899
24.691
28.871
34.368
42.
min
B
mAU
MIL-38
min
C
mAU
cMIL-38
15.309
17.022
23.963
29.078
38.343
min

FIGURE NINE

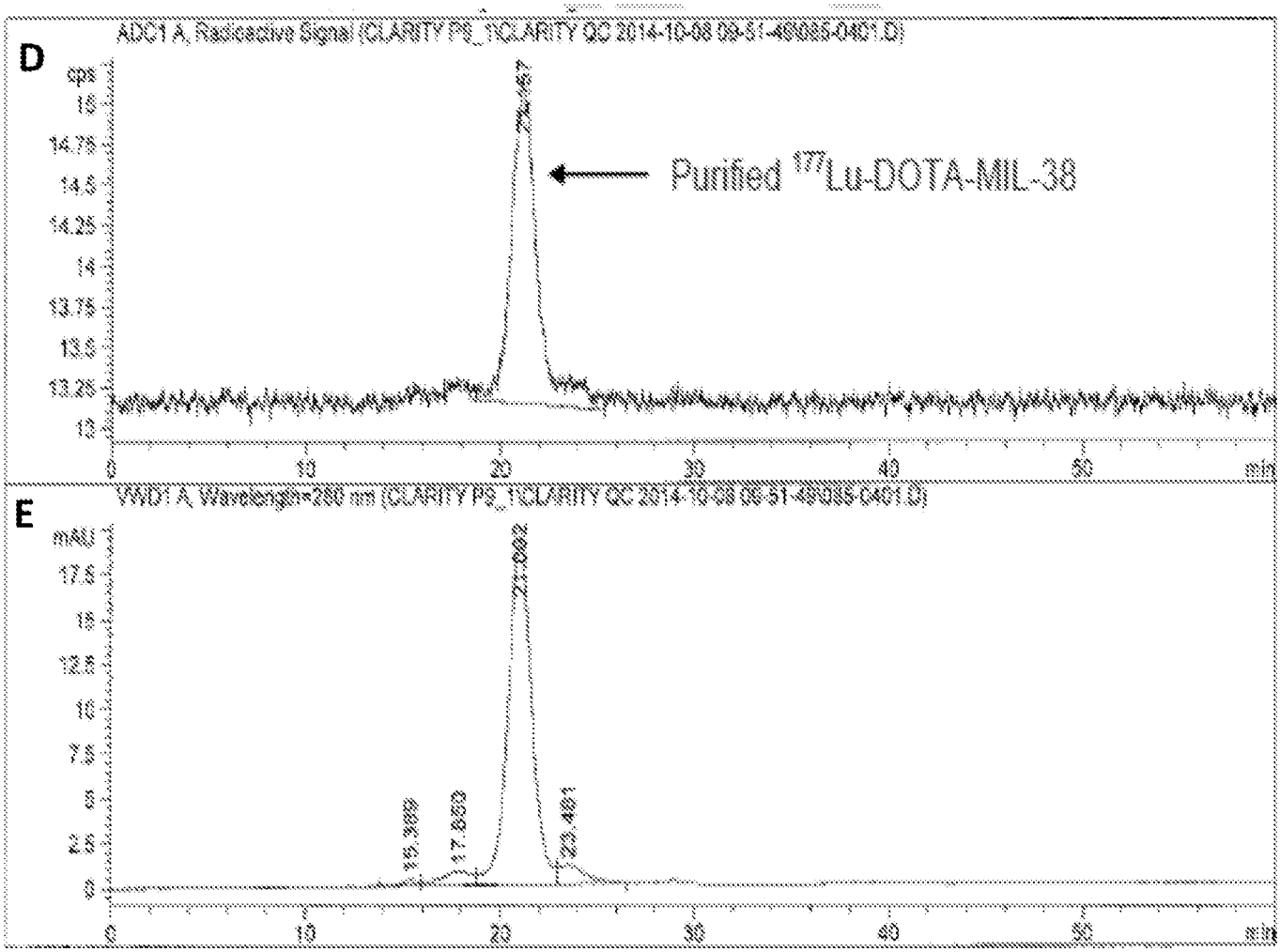

D
ADC1 A, Radioactive Signal (CLARITY PS_1\CLARITY QC 2014-10-08 09-51-49\085-0401.D)
cps
Purified ^{177}Lu-DOTA-MIL-38
min
E
VWD1 A, Wavelength=280 nm (CLARITY PS_1\CLARITY QC 2014-10-08 09-51-49\085-0401.D)
mAU
16.389
17.820
20.491
min

FIGURE NINE

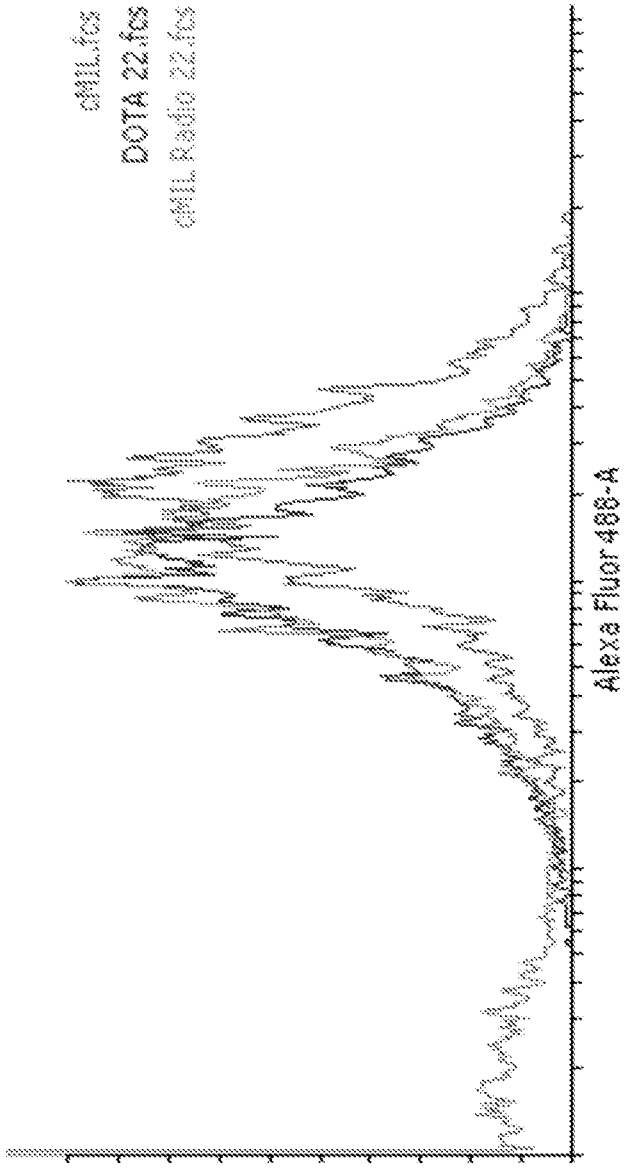
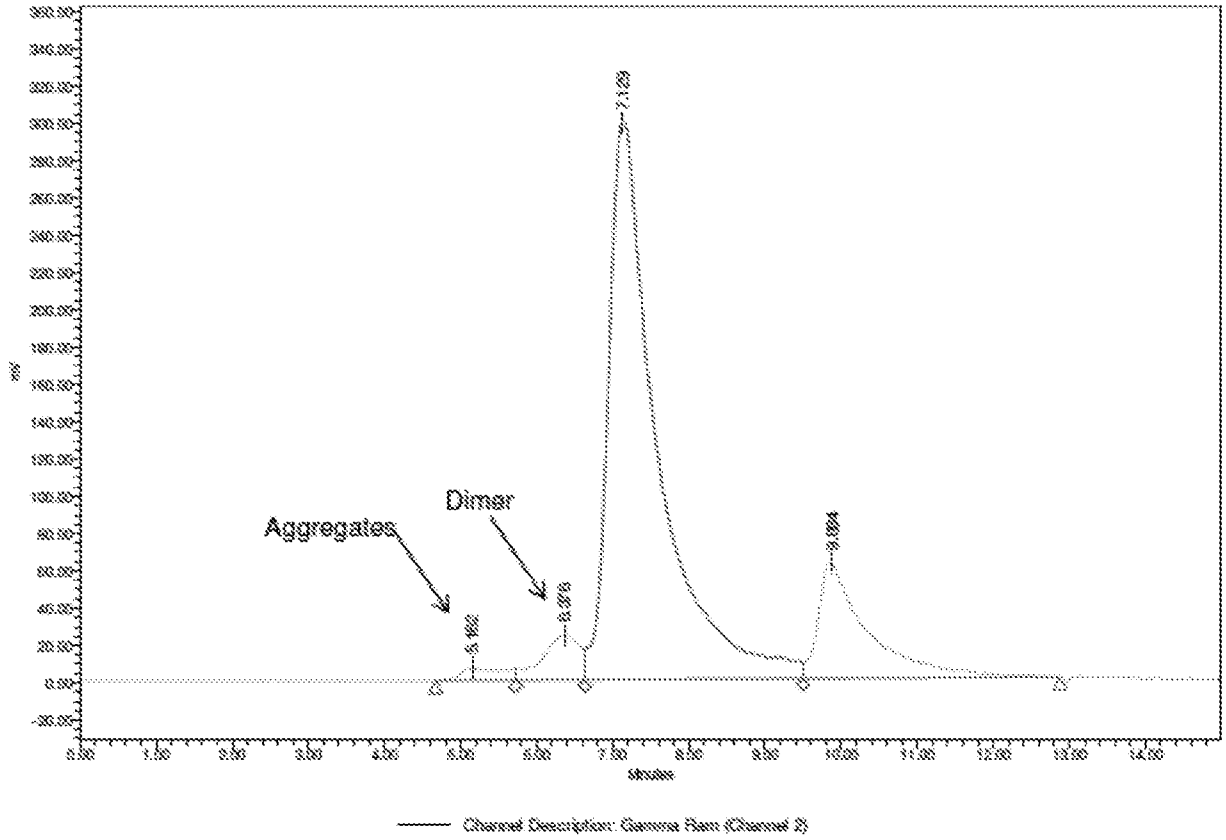


FIGURE TEN

A



B

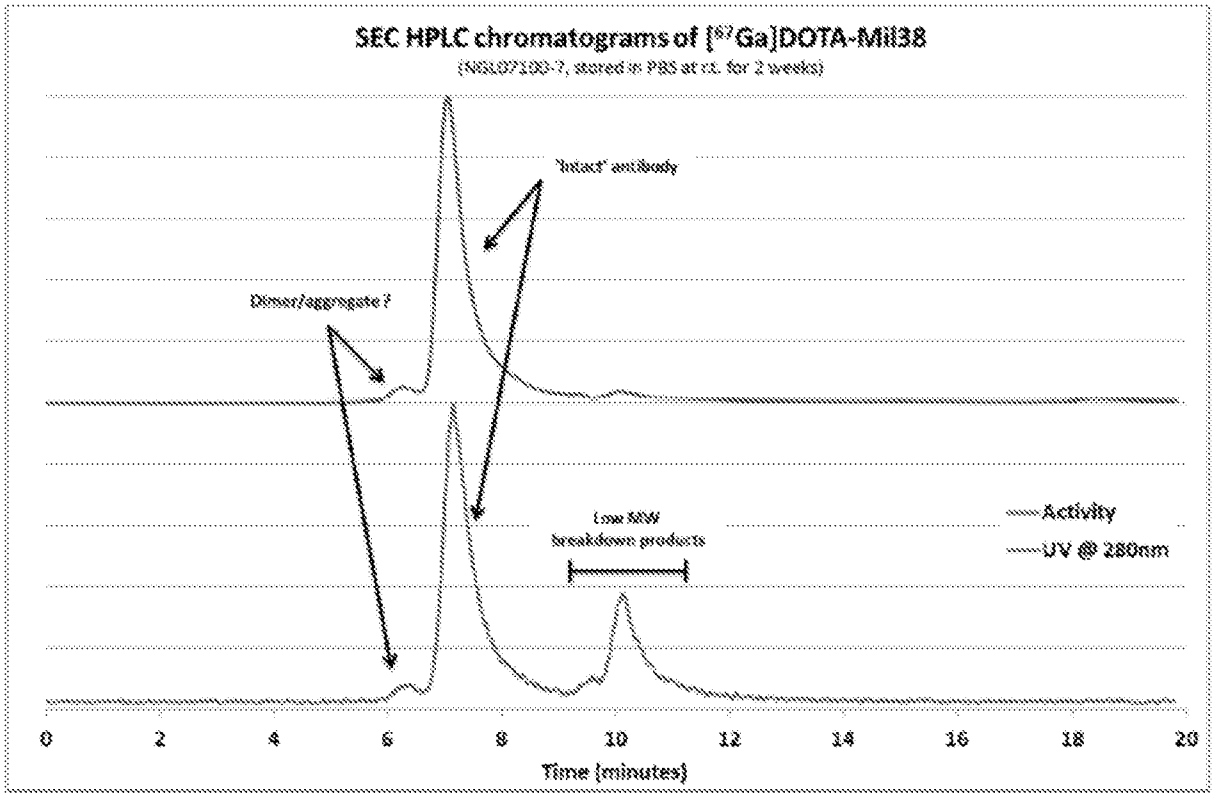


FIGURE ELEVEN

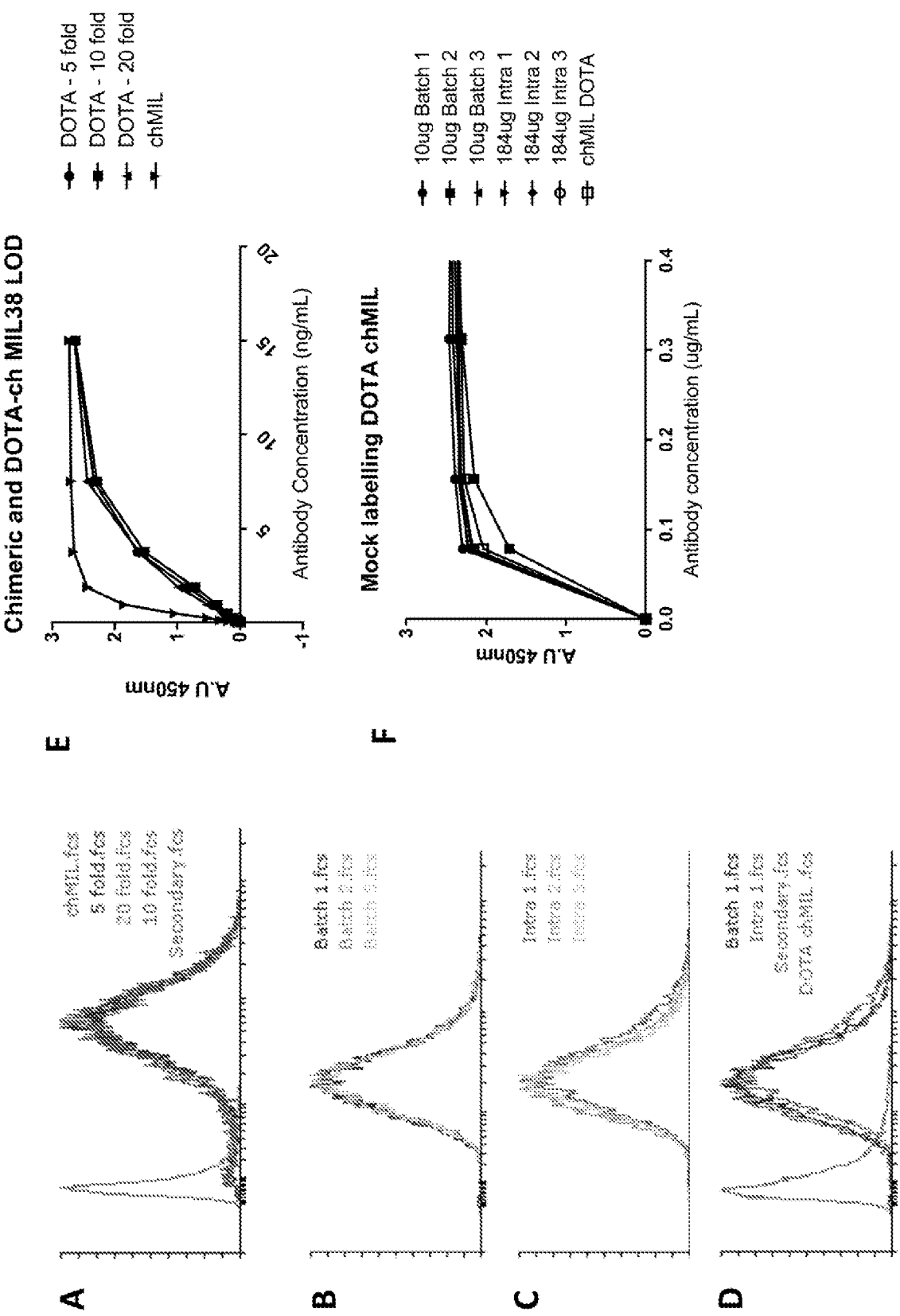


FIGURE TWELVE

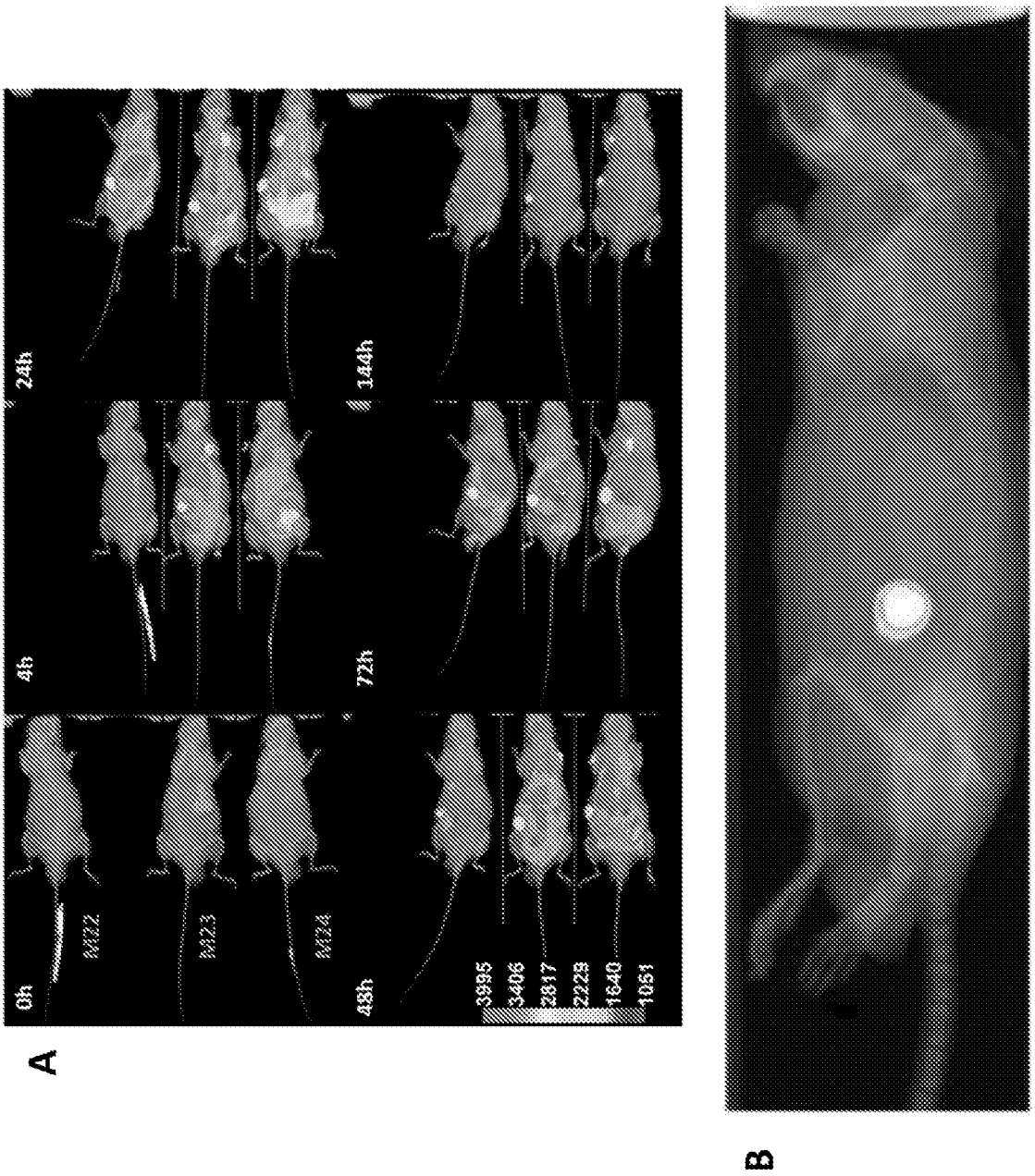


FIGURE THIRTEEN

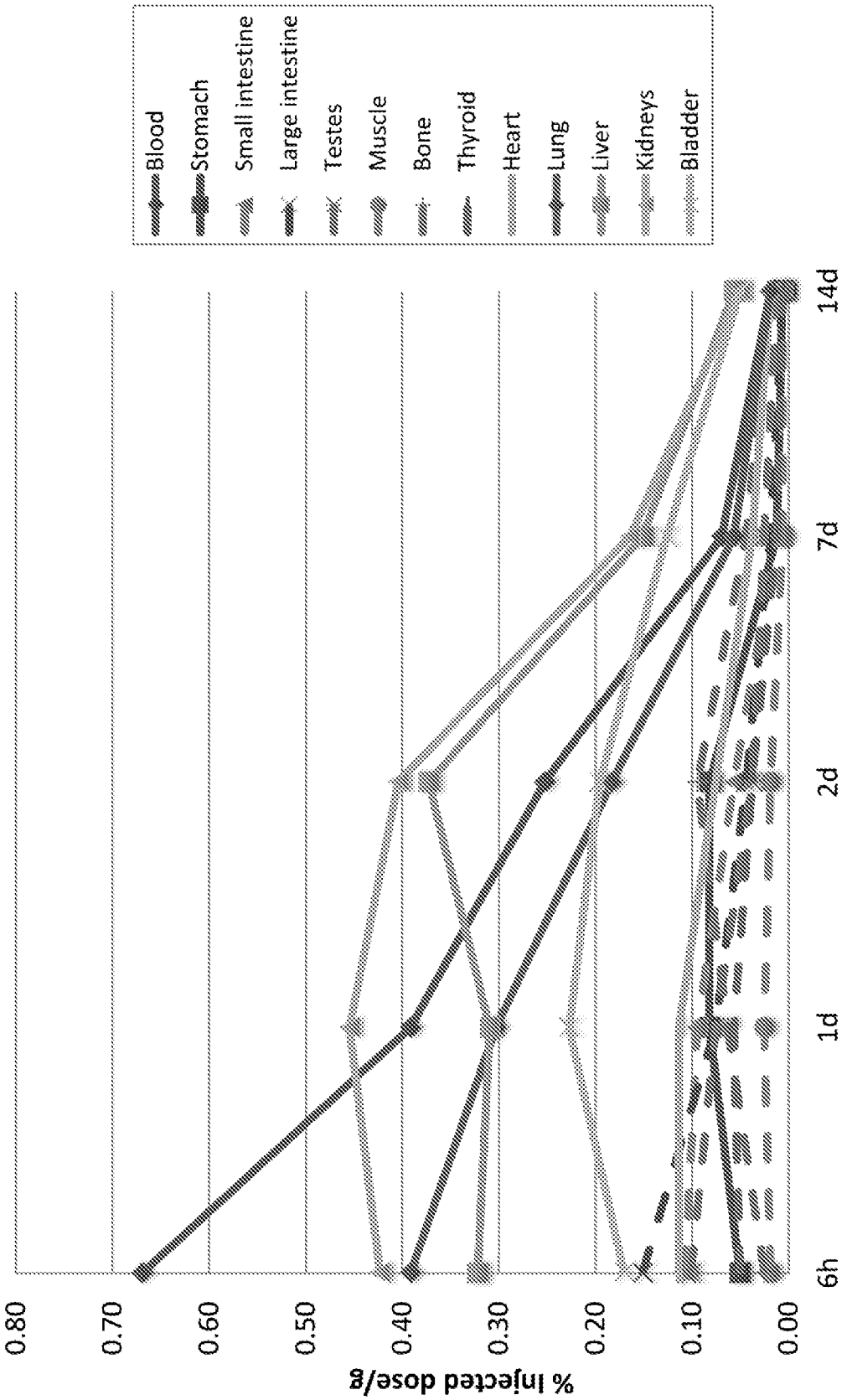


FIGURE FOURTEEN

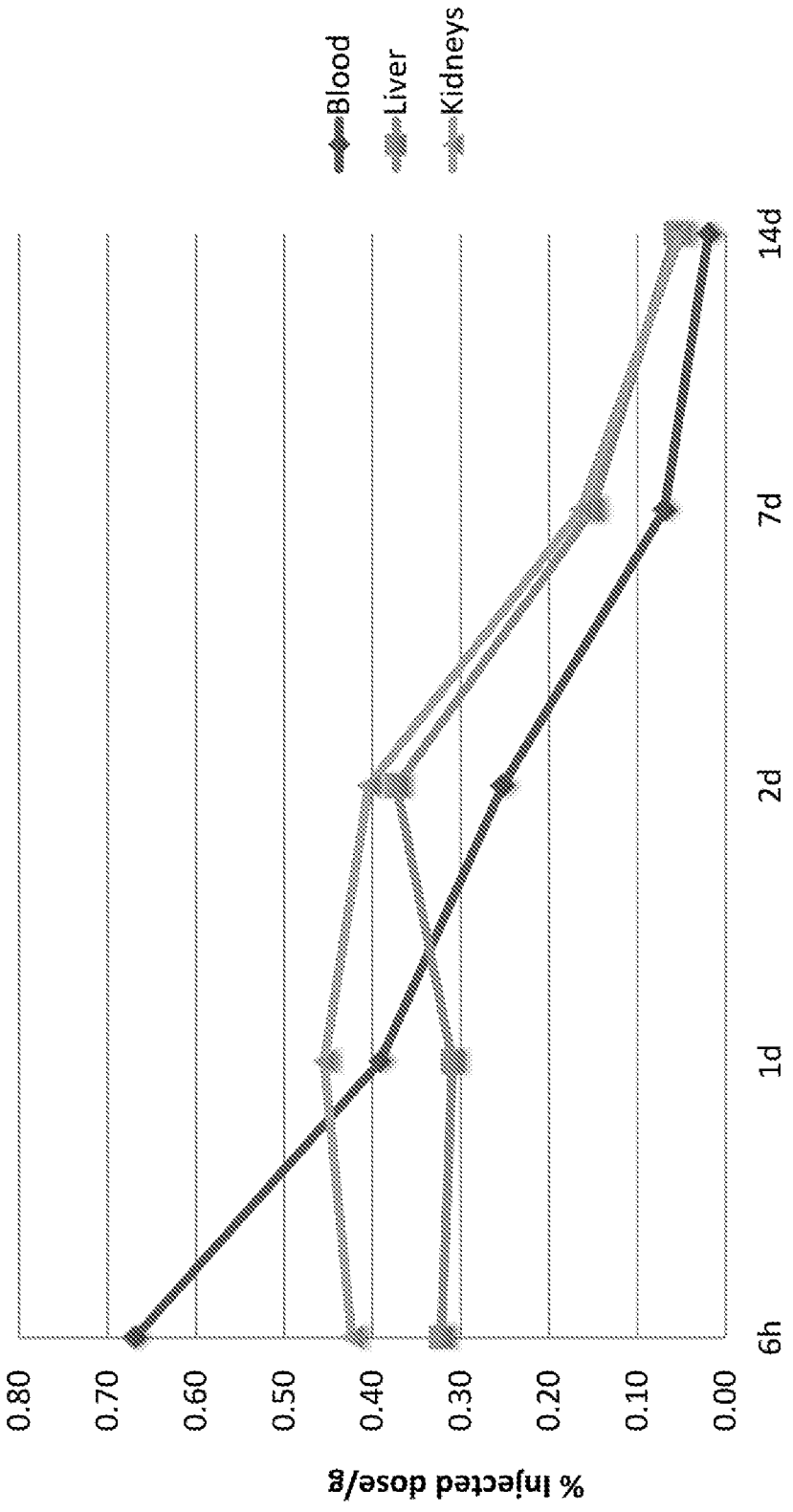


FIGURE FIFTEEN

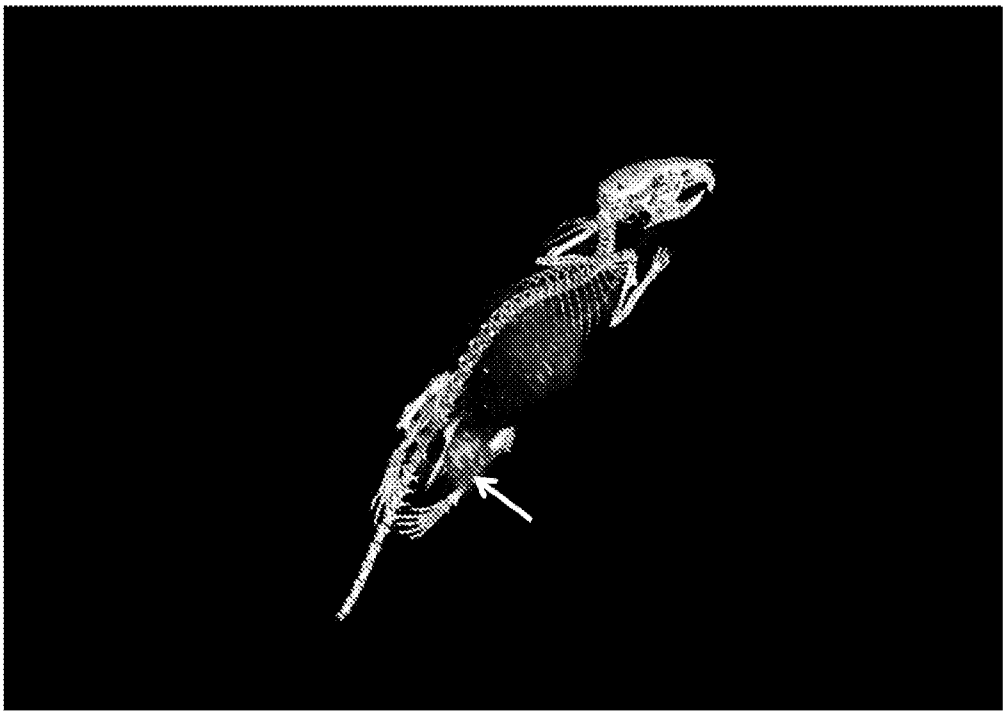


FIGURE SIXTEEN

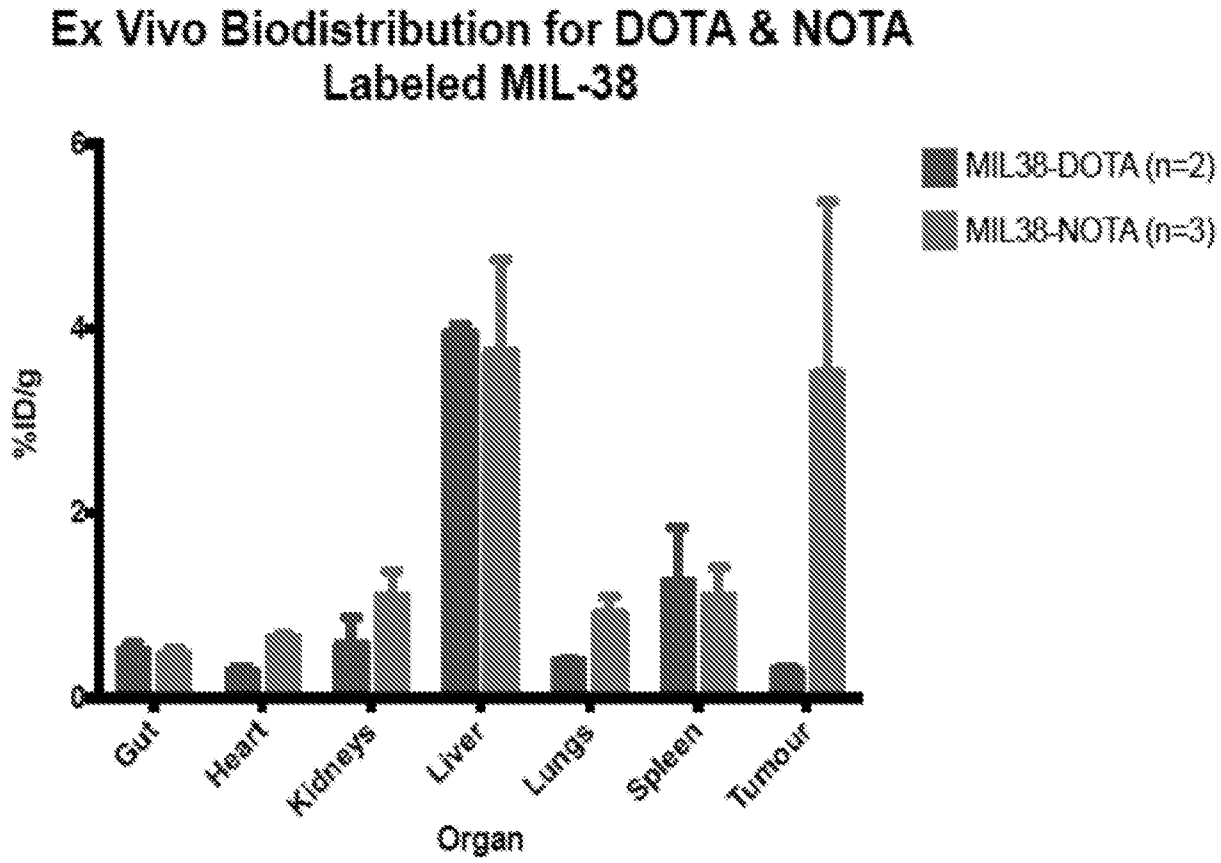


FIGURE SEVENTEEN

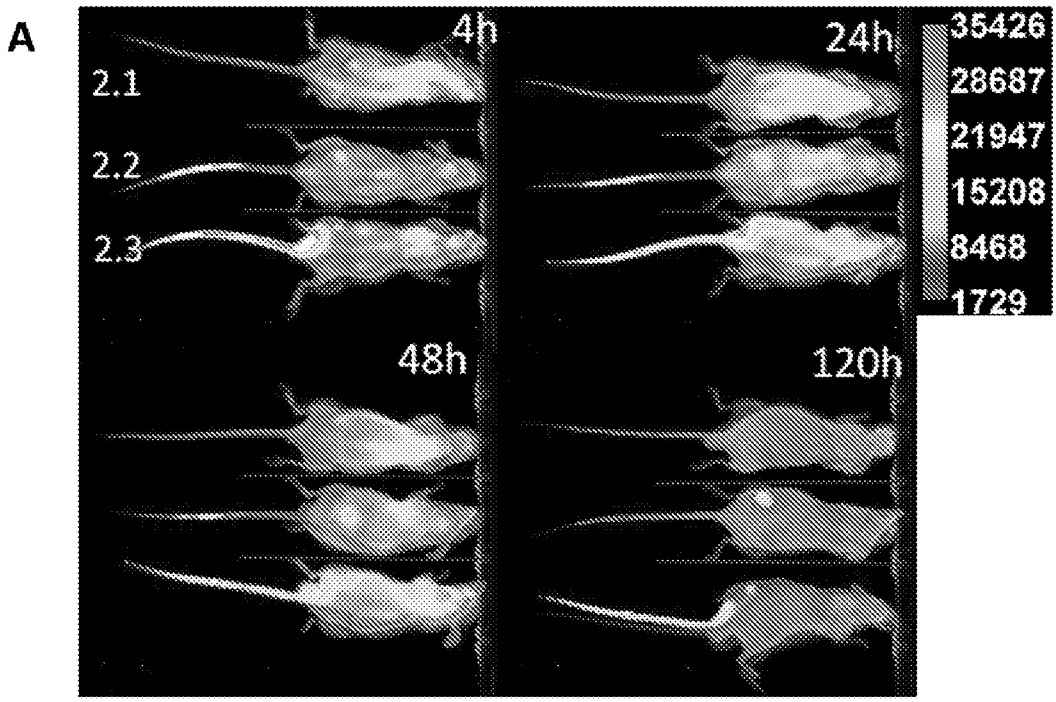
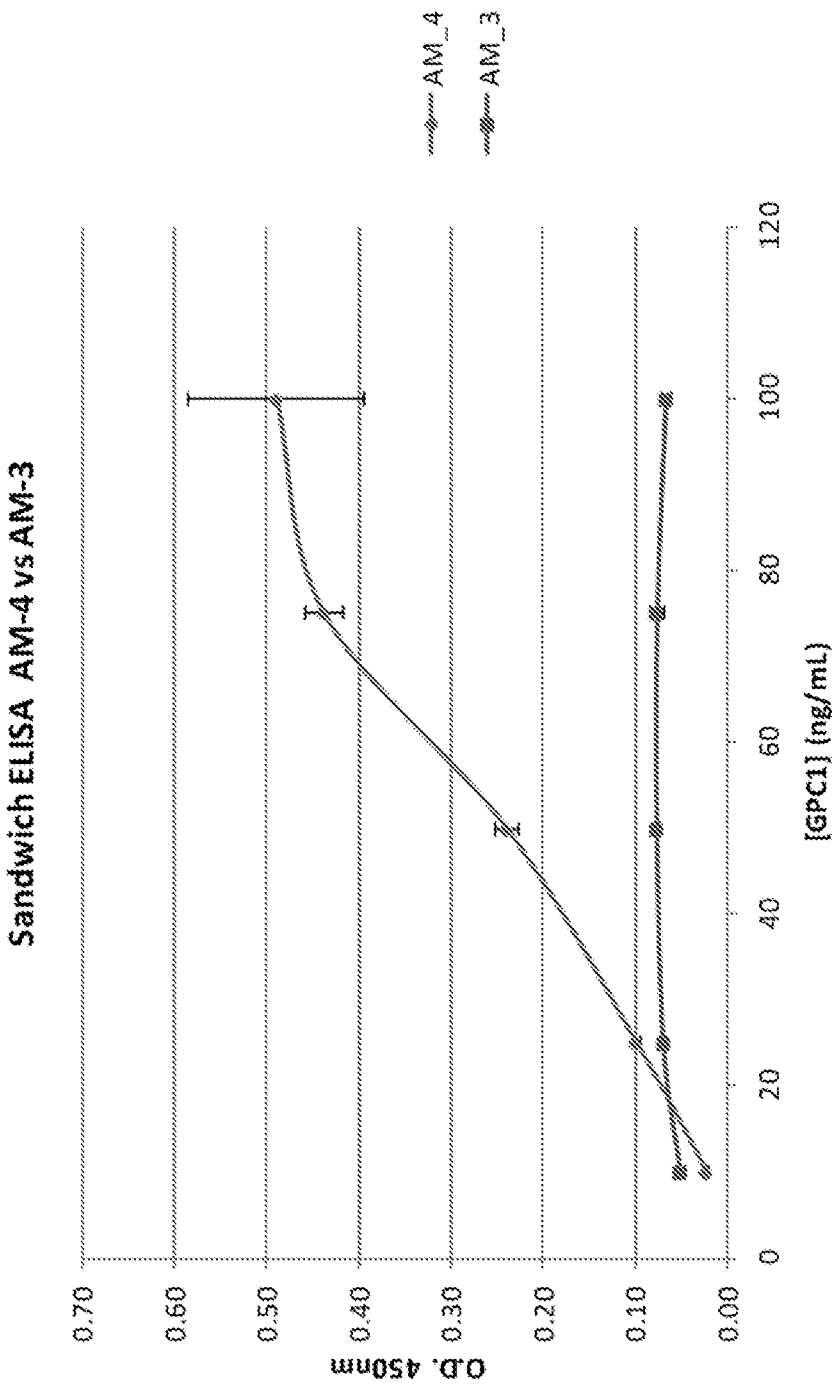


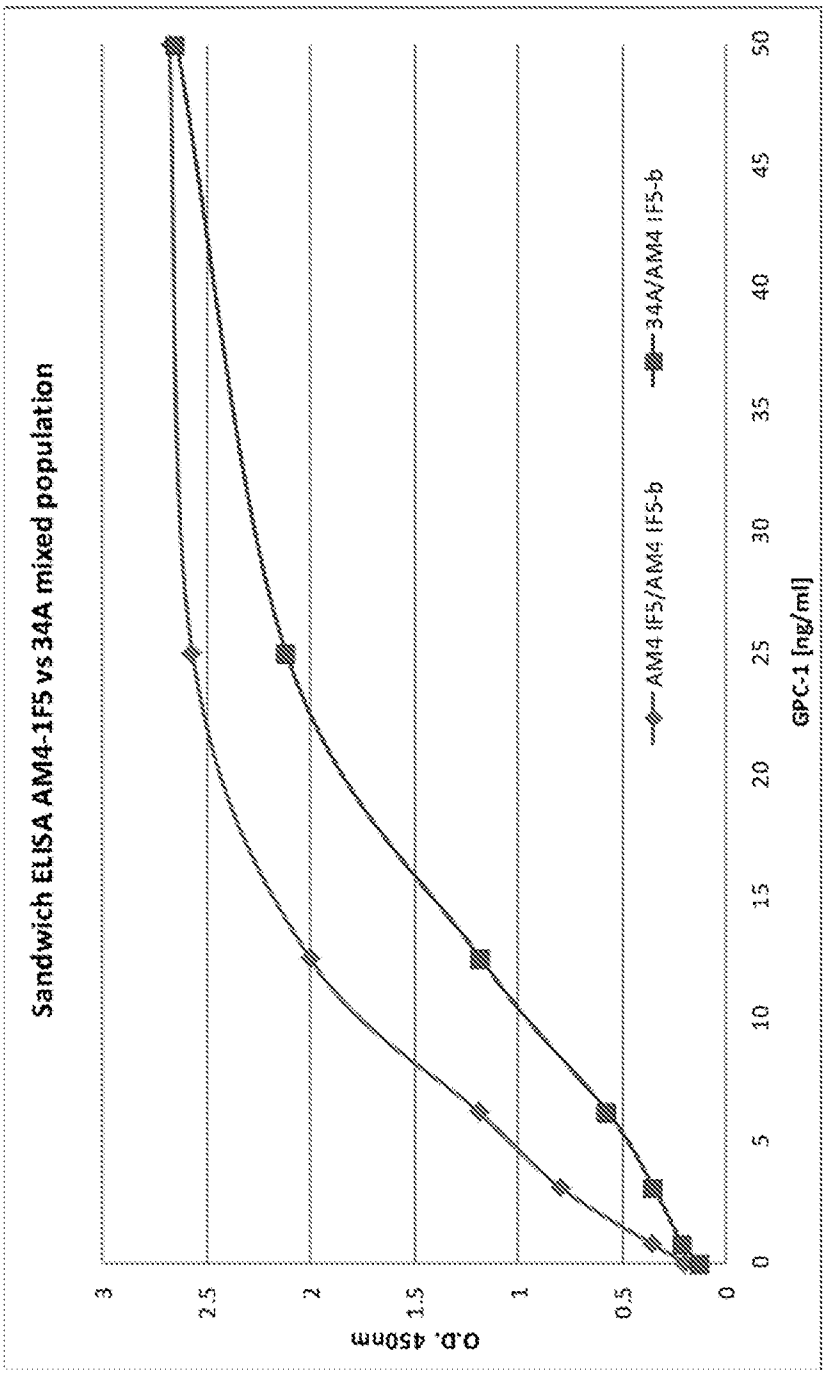
FIGURE EIGHTEEN

FIGURE EIGHTEEN



A

FIGURE NINETEEN



B

FIGURE NINETEEN