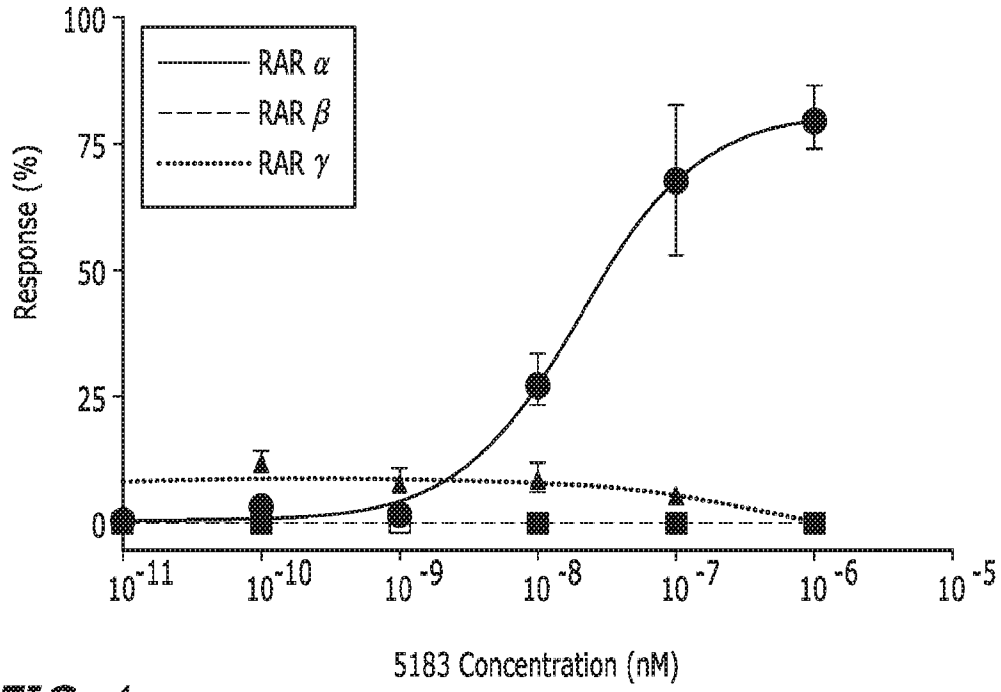

100
75
50
25
0
Response (%)
RAR α
RAR β
RAR γ
10^-11
10^-10
10^-9
10^-8
10^-7
10^-6
10^-5
5183 Concentration (nM)

FIG. 1

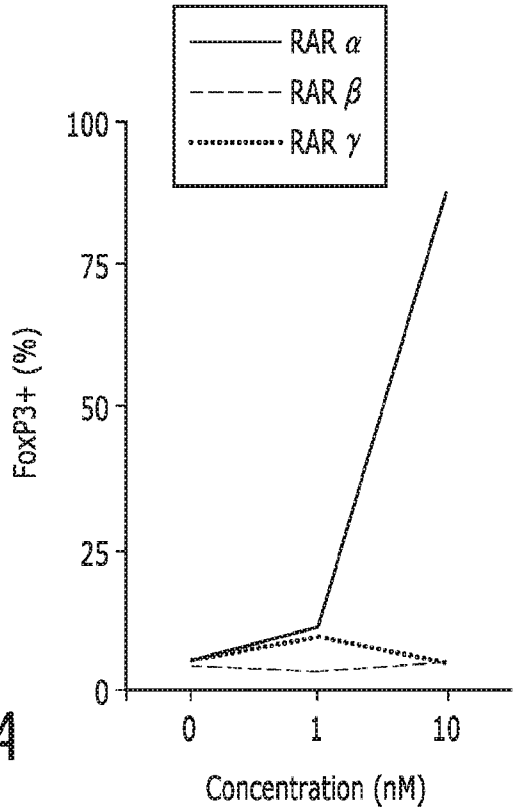

RAR α
RAR β
RAR γ
100
75
50
25
0
FoxP3+ (%)
0
1
10
Concentration (nM)

FIG. 2A

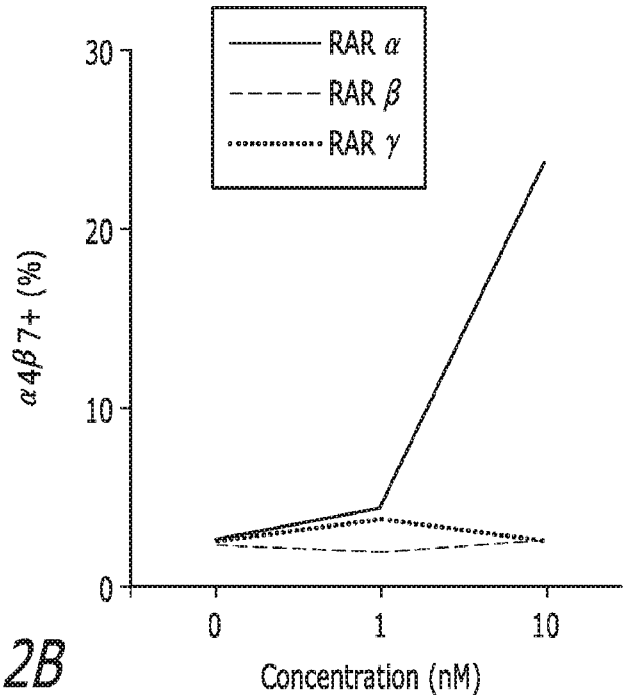

RAR α
RAR β
RAR γ
α4β7+ (%)
30
20
10
0
0
1
10
Concentration (nM)

FIG. 2B

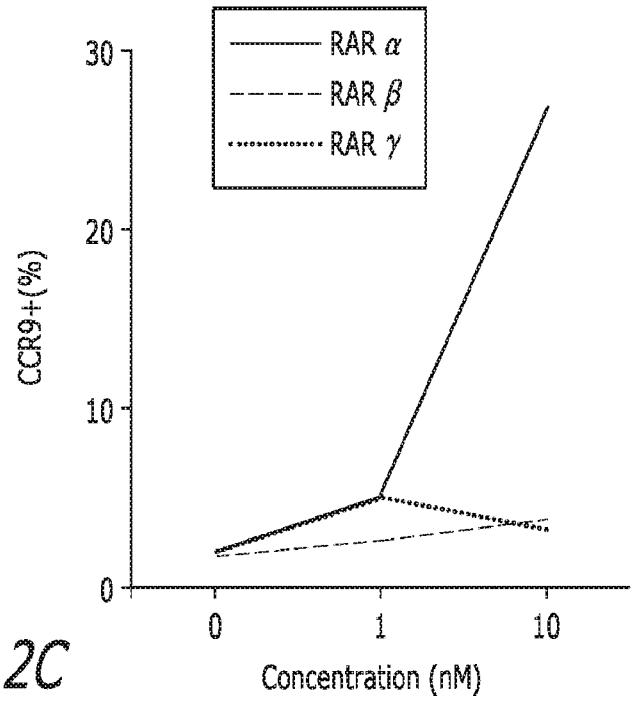

RAR α
RAR β
RAR γ
CCR9+(%)
30
20
10
0
0
1
10
Concentration (nM)

FIG. 2C

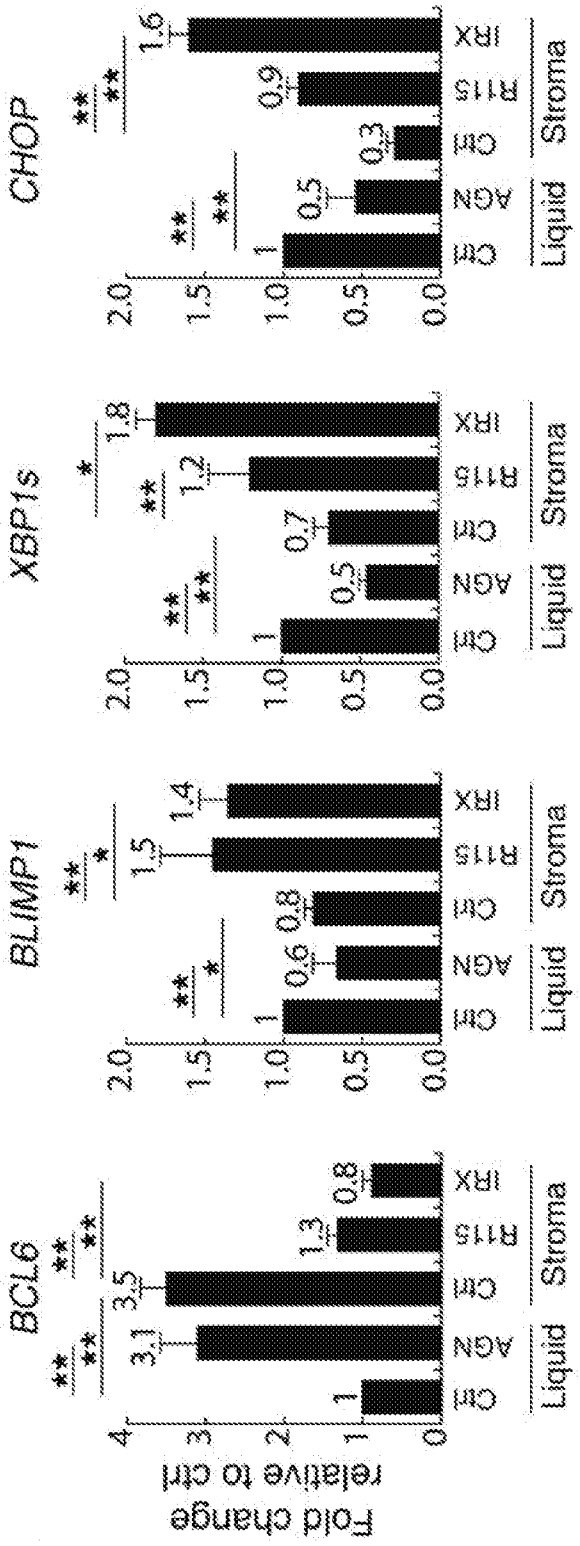


FIG. 3A FIG. 3B FIG. 3C FIG. 3D

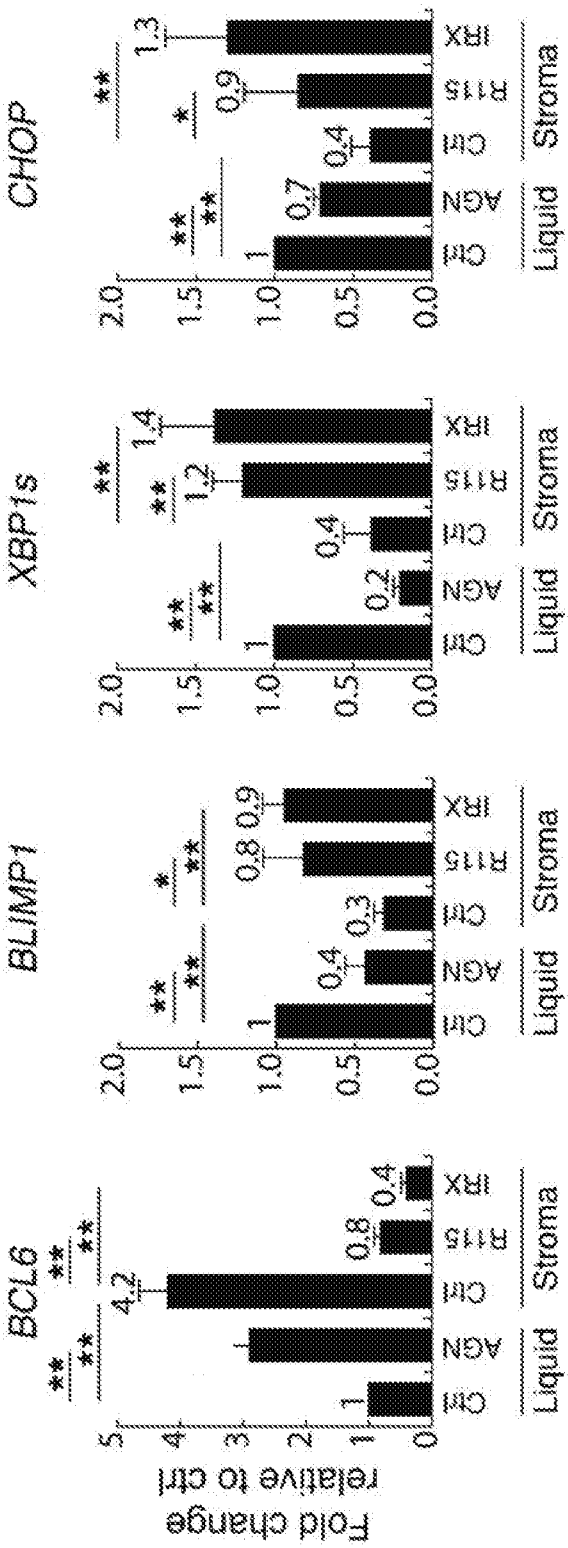


FIG. 3E FIG. 3F FIG. 3G FIG. 3H

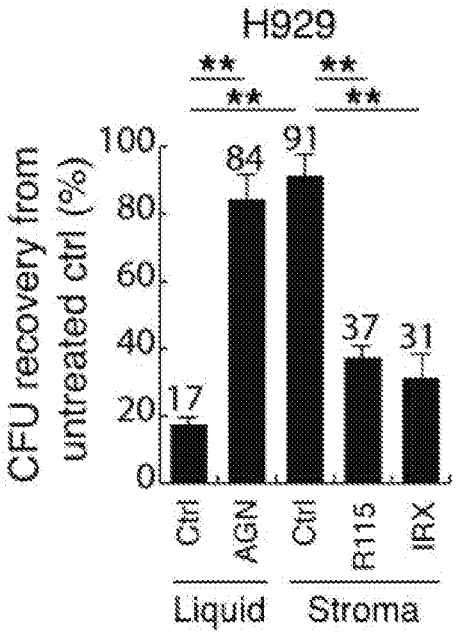


FIG. 4A

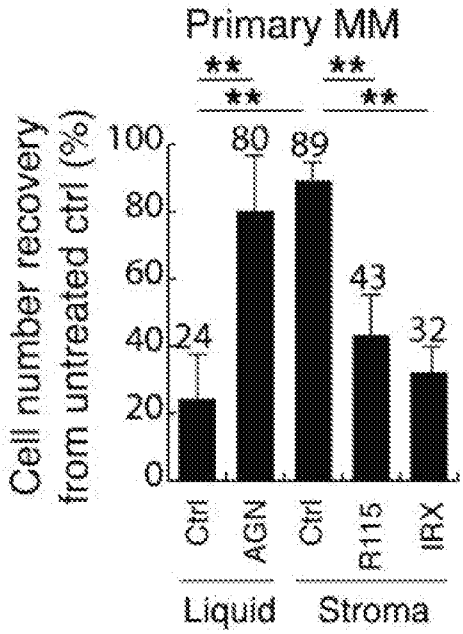


FIG. 4B

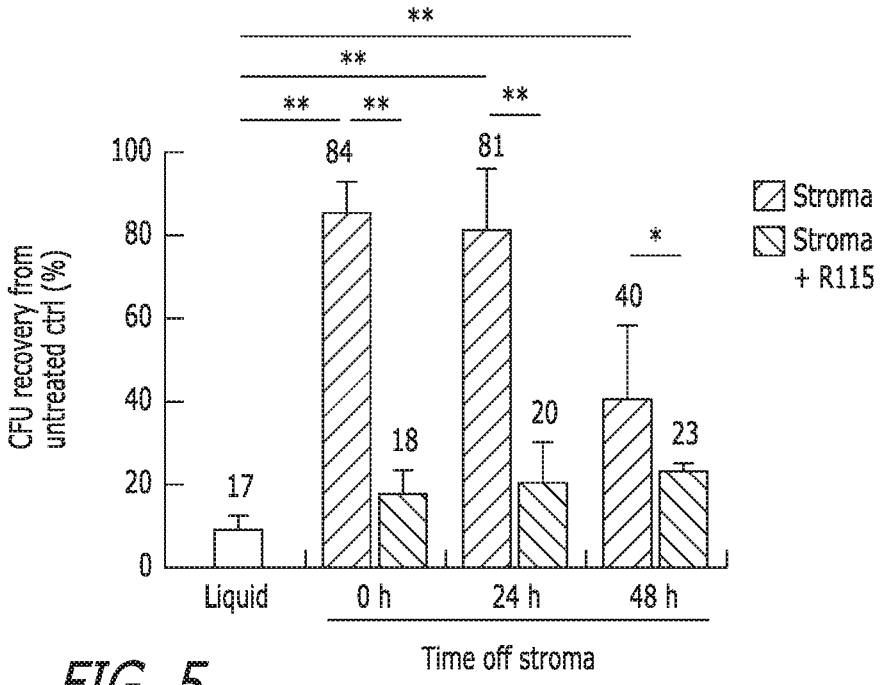


FIG. 5

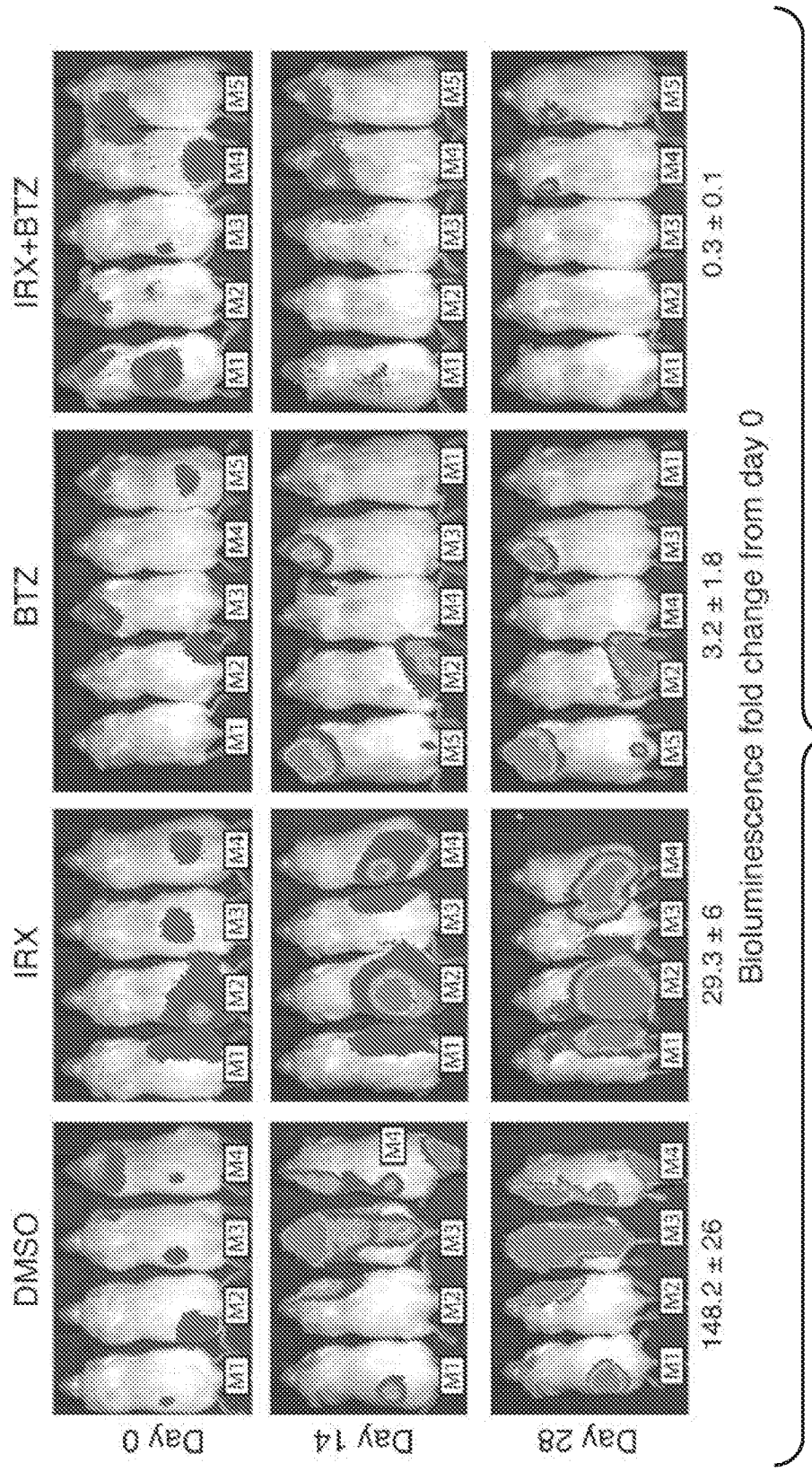

DMSO
IRX
BTZ
IRX+BTZ
Day 0
Day 14
Day 28
148.2 ± 26
29.3 ± 6
3.2 ± 1.8
0.3 ± 0.1
Bioluminescence fold change from day 0

FIG. 6

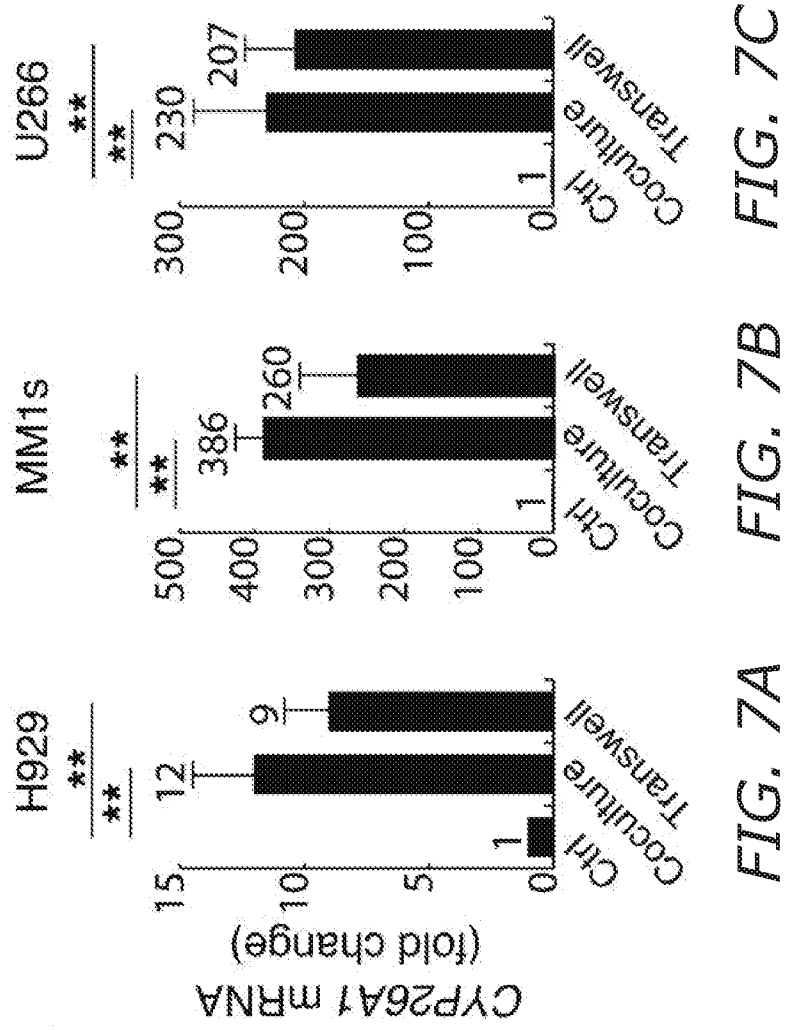


FIG. 7A FIG. 7B FIG. 7C

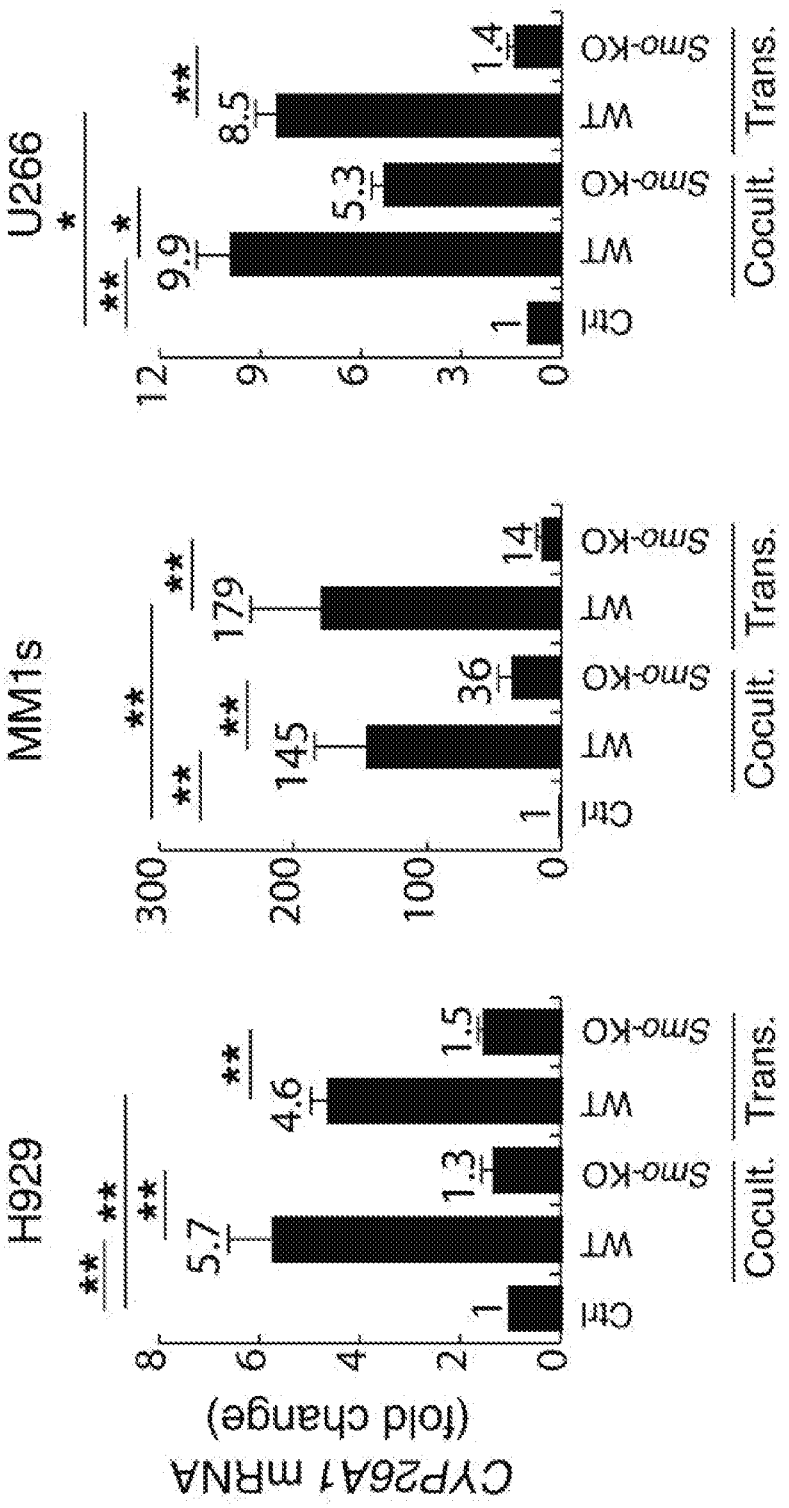


FIG. 8A FIG. 8B FIG. 8C

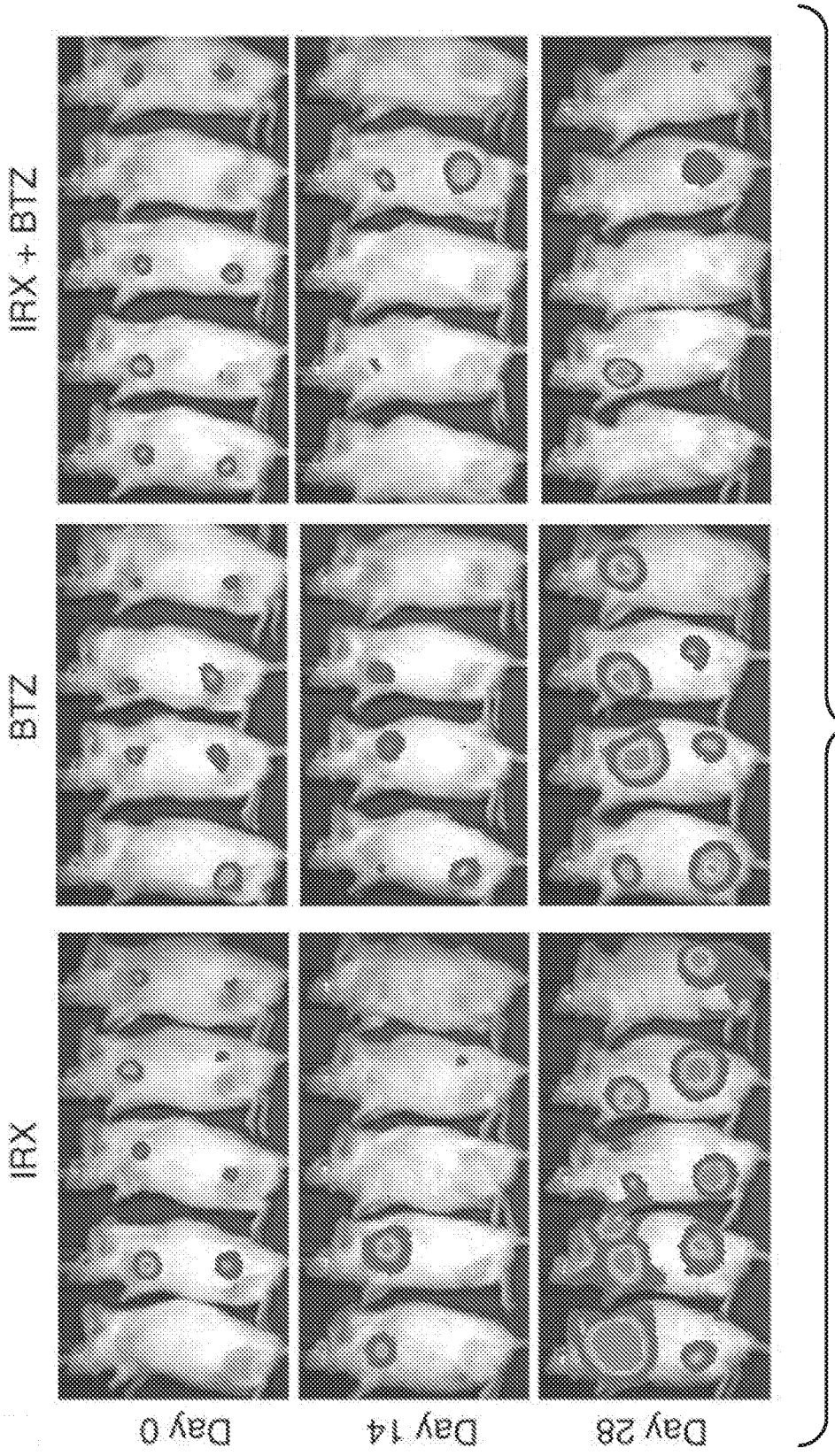


FIG. 9

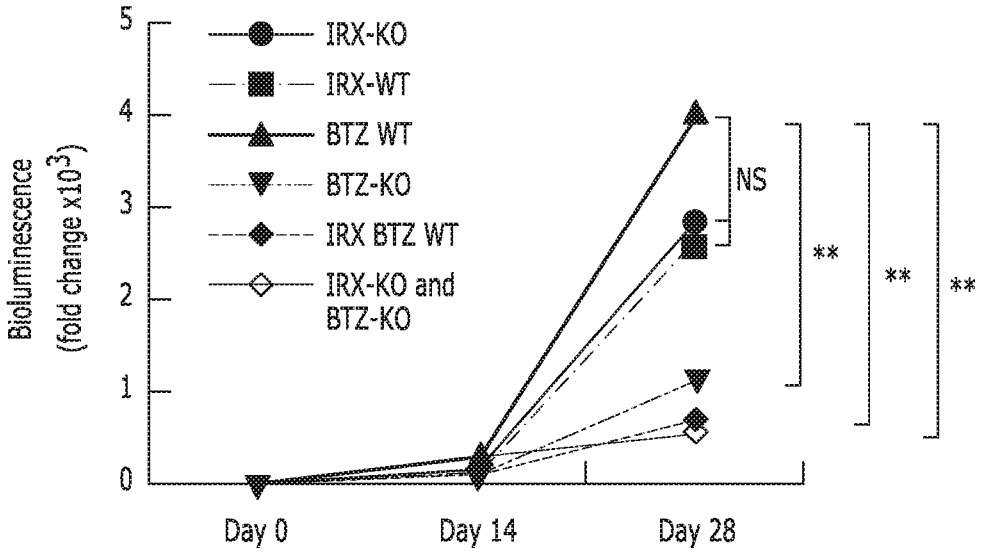

Bioluminescence
(fold change x10^3)
5
4
3
2
1
0
IRX-KO
IRX-WT
BTZ WT
BTZ-KO
IRX BTZ WT
IRX-KO and
BTZ-KO
NS
**
**
**
Day 0
Day 14
Day 28

FIG. 10

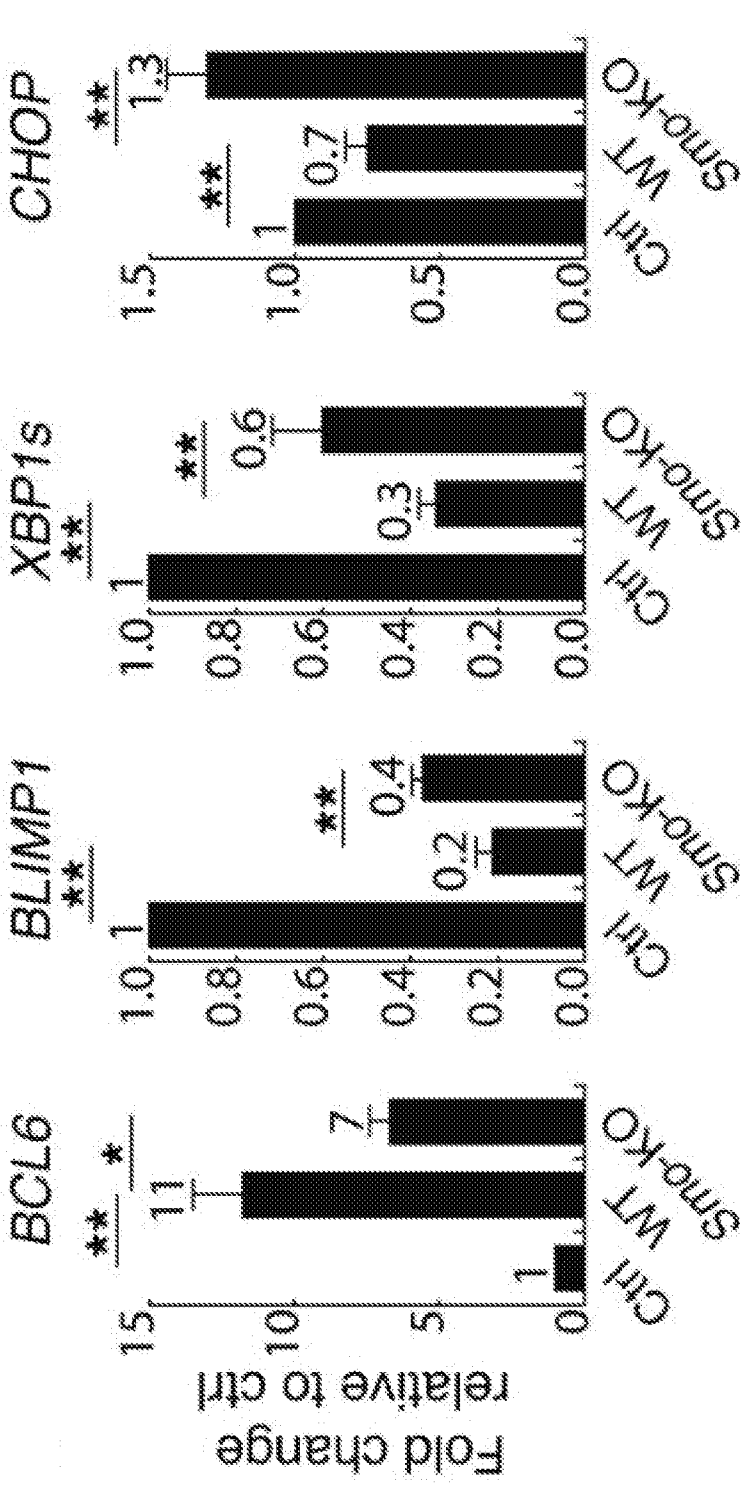


FIG. 11A FIG. 11B FIG. 11C FIG. 11D

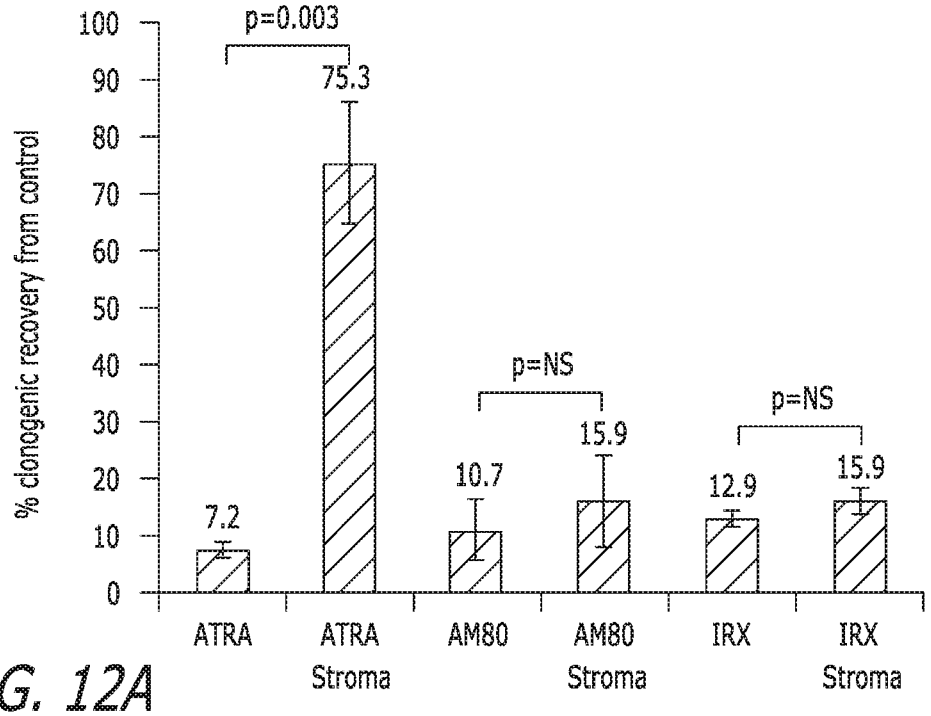


FIG. 12A

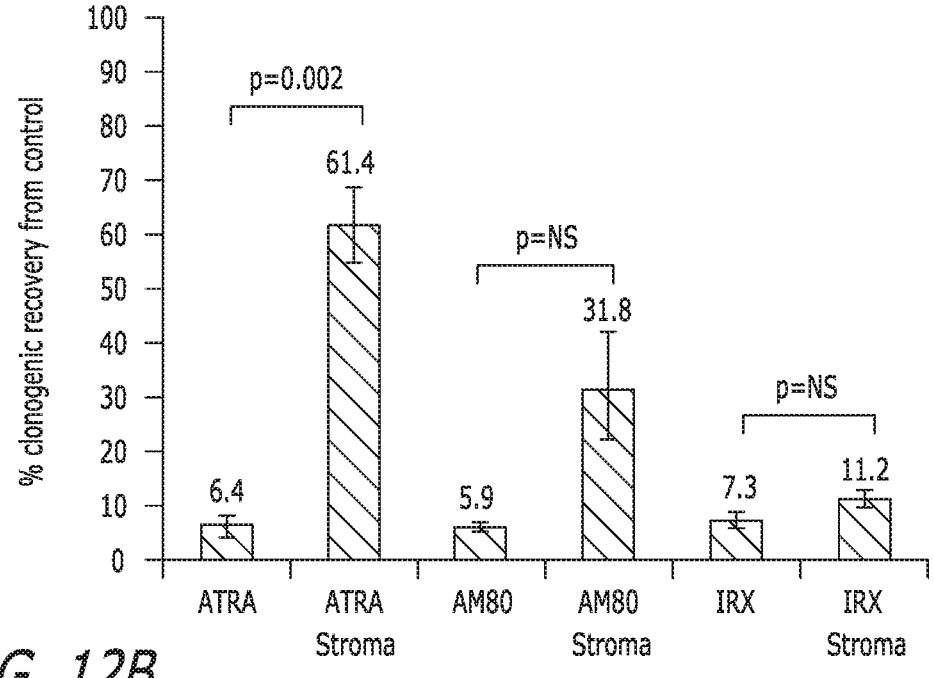


FIG. 12B

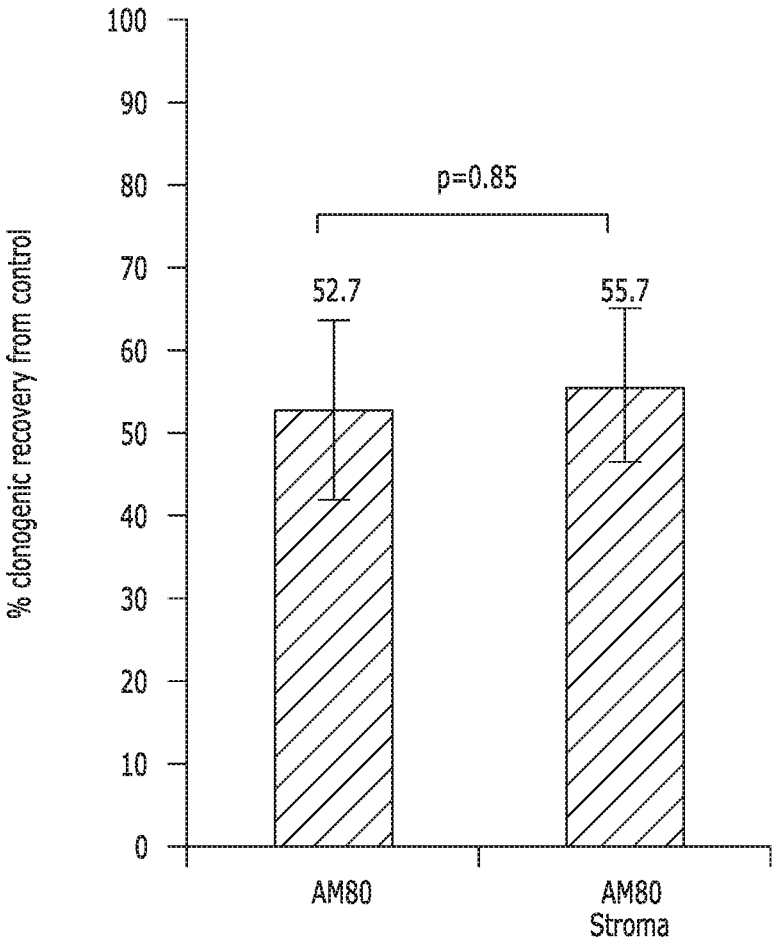

100
90
80
70
60
50
40
30
20
10
0
% clonogenic recovery from control
p=0.85
52.7
55.7
AM80
AM80
Stroma

FIG. 12C