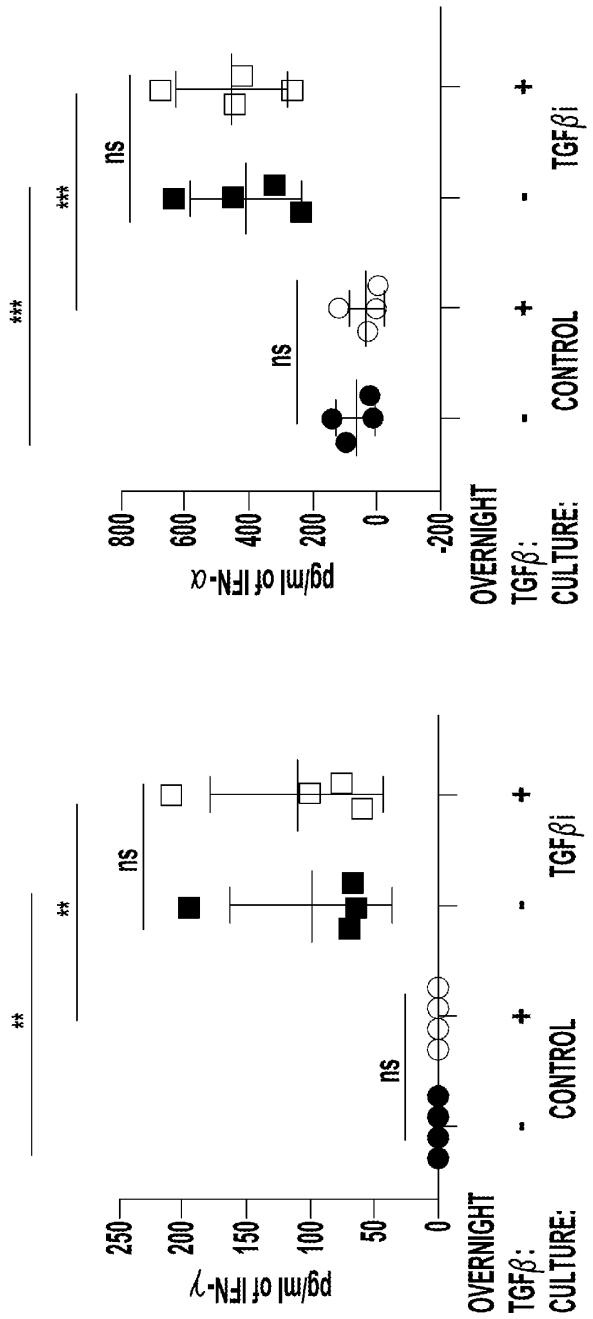

pg/ml of IFN-γ
250
200
150
100
50
0
**
**
ns
ns
OVERNIGHT
TGFβ:
CULTURE:
-
+
-
+
CONTROL
TGFβi
pg/ml of IFN-α
800
600
400
200
0
-200
***
***
ns
ns
OVERNIGHT
TGFβ:
CULTURE:
-
+
-
+
CONTROL
TGFβi

FIG. 1

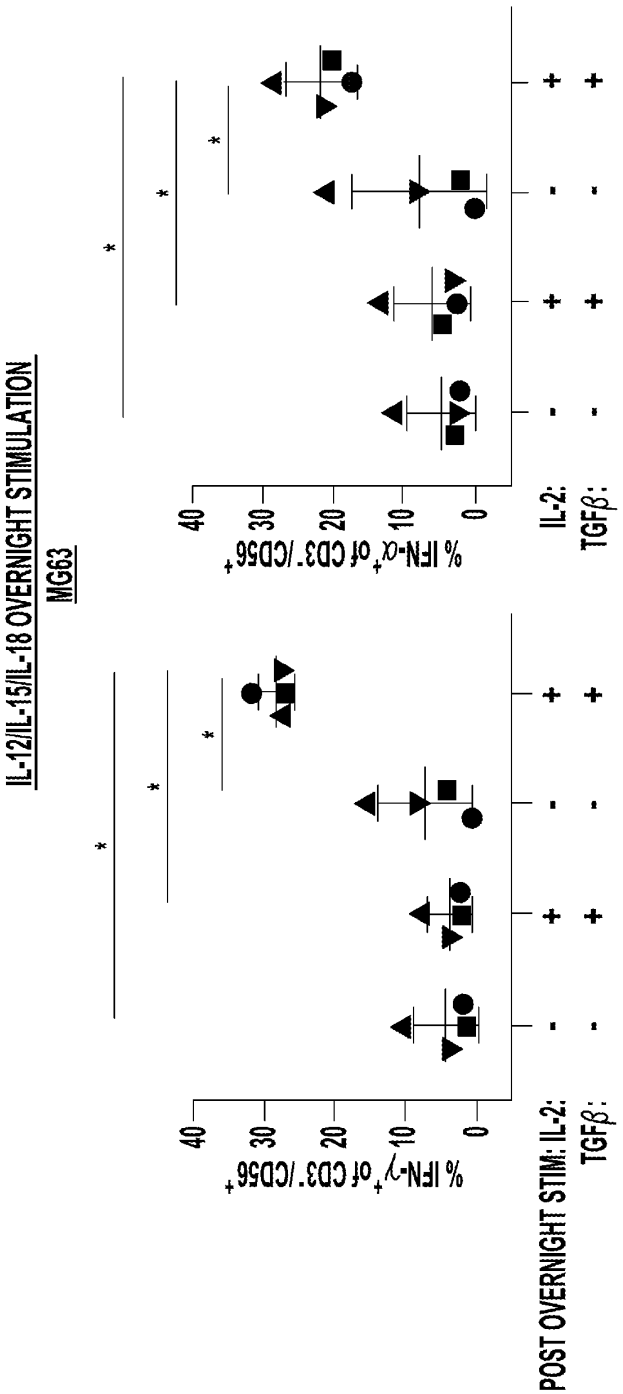

IL-12/IL-15/IL-18 OVERNIGHT STIMULATION
MG63
% IFN-γ+ of CD3-/CD56+
% IFN-α+ of CD3-/CD56+
0
10
20
30
40
*
POST OVERNIGHT STIM: IL-2:
TGFβ:
- + - +
- - + +

FIG. 2

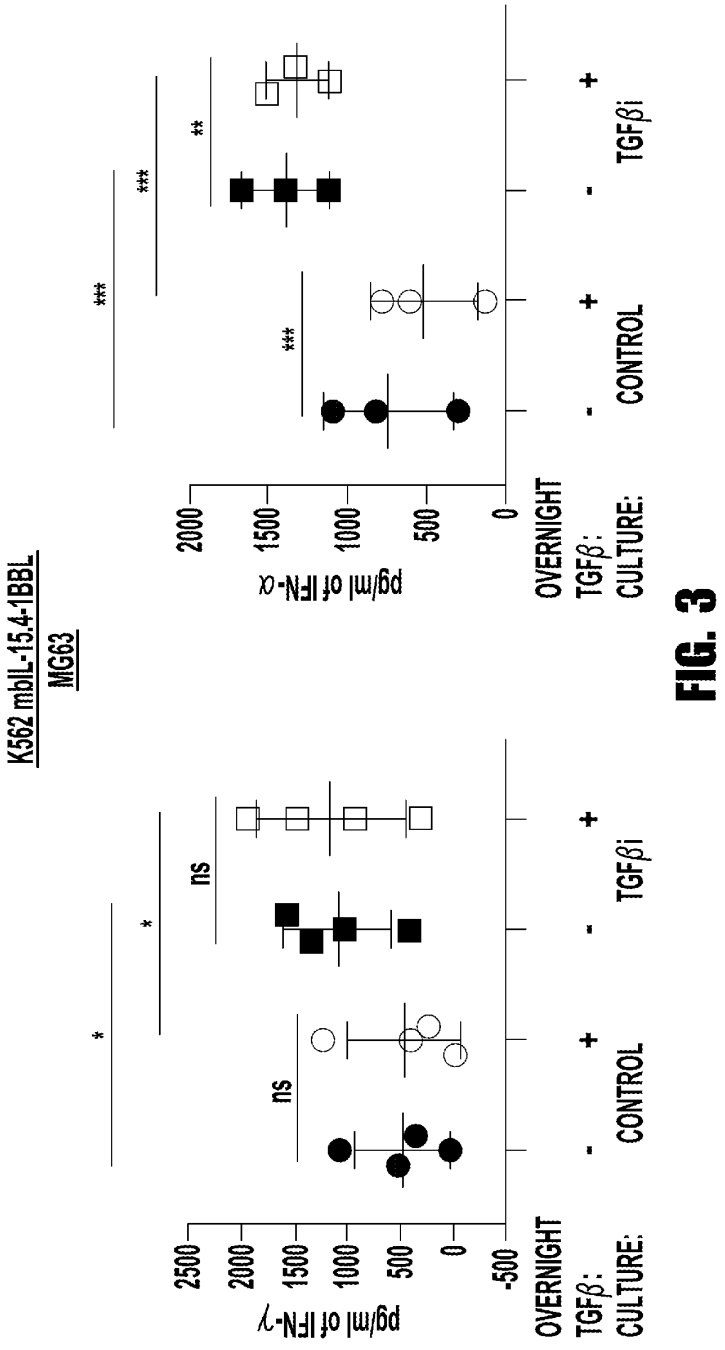

K562 mbIL-15.4-1BBL
MG63
pg/ml of IFN-γ
pg/ml of IFN-α
2500
2000
1500
1000
500
0
-500
ns
*
*
***
***
**
OVERNIGHT
TGFβ:
CULTURE:
-
+
-
+
CONTROL
TGFβi

FIG. 3

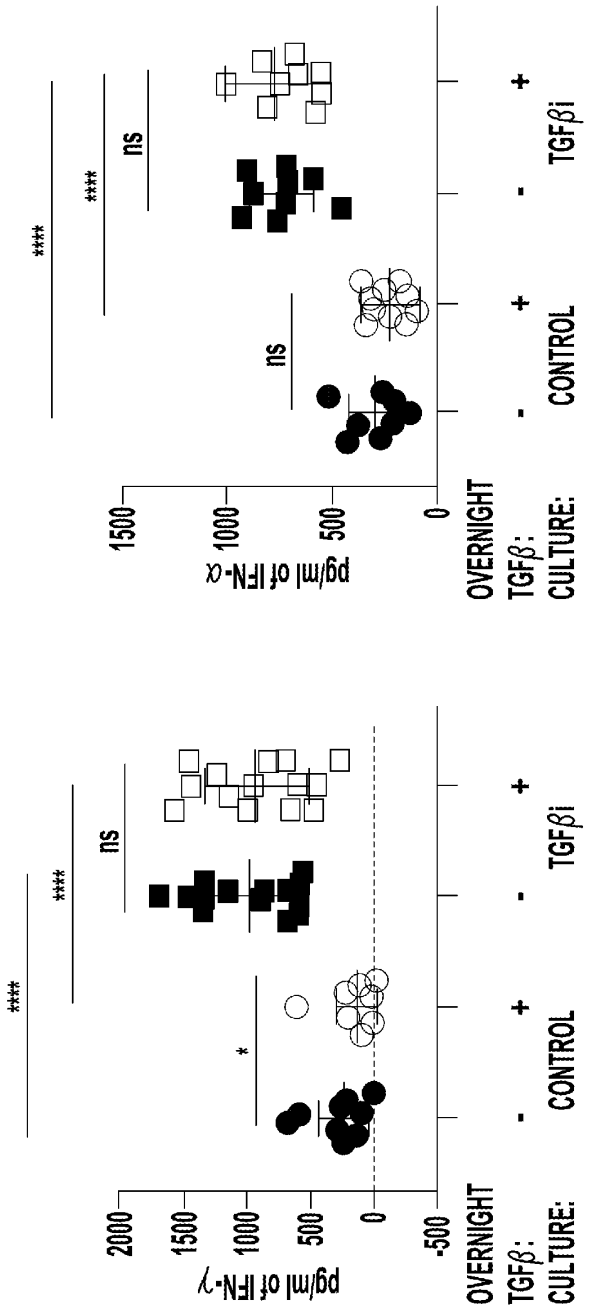

pg/ml of IFN-γ
2000
1500
1000
500
0
-500
****
****
ns
*
OVERNIGHT
TGFβ:
CULTURE:
-
+
CONTROL
-
+
TGFβi
pg/ml of IFN-α
1500
1000
500
0
****
****
ns
ns
OVERNIGHT
TGFβ:
CULTURE:
-
+
CONTROL
-
+
TGFβi

FIG. 4

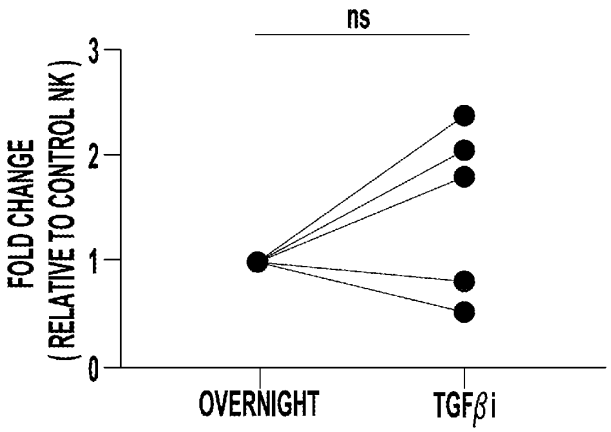


FIG. 5

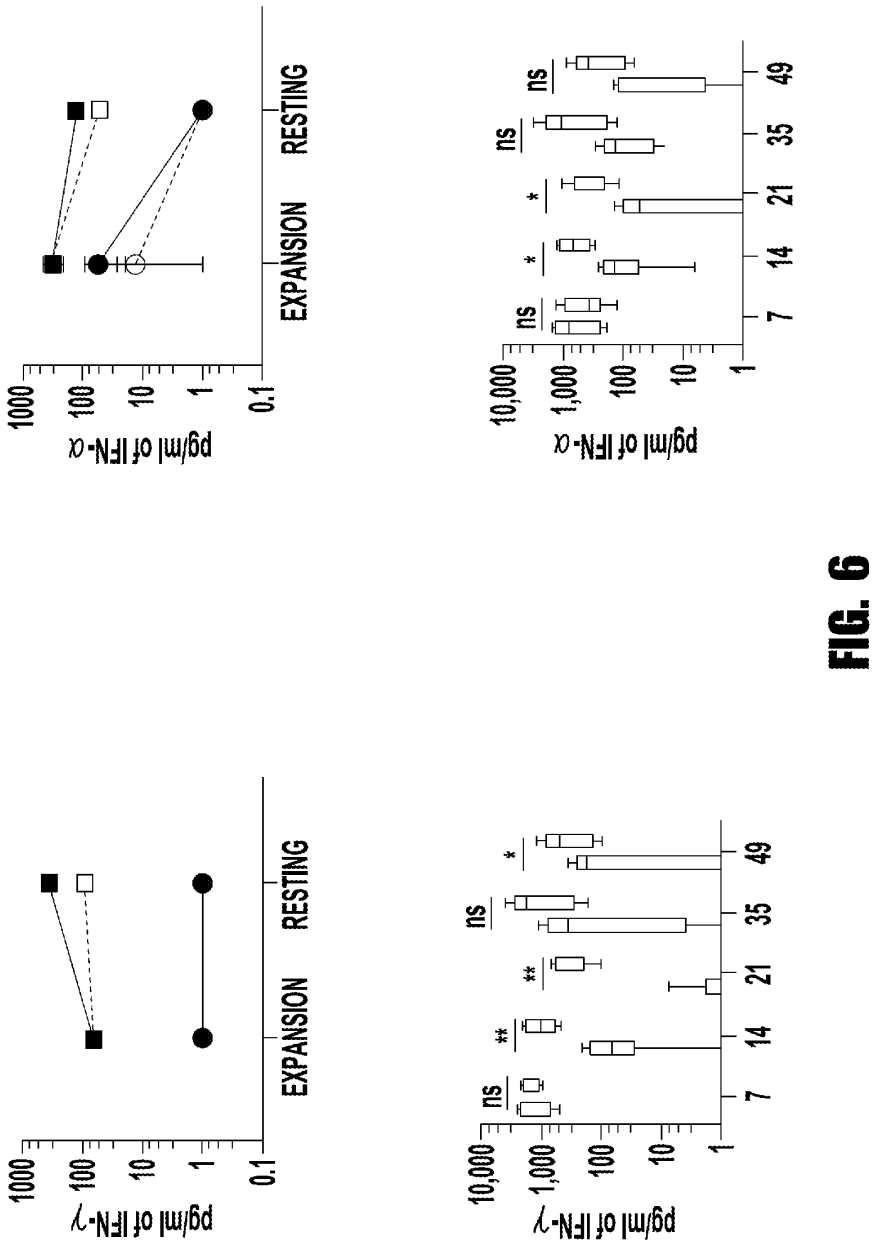

pg/ml of IFN-α
1000
100
10
1
0.1
EXPANSION
RESTING
pg/ml of IFN-γ
10,000
1,000
100
10
1
ns
*
**
7
14
21
35
49

FIG. 6

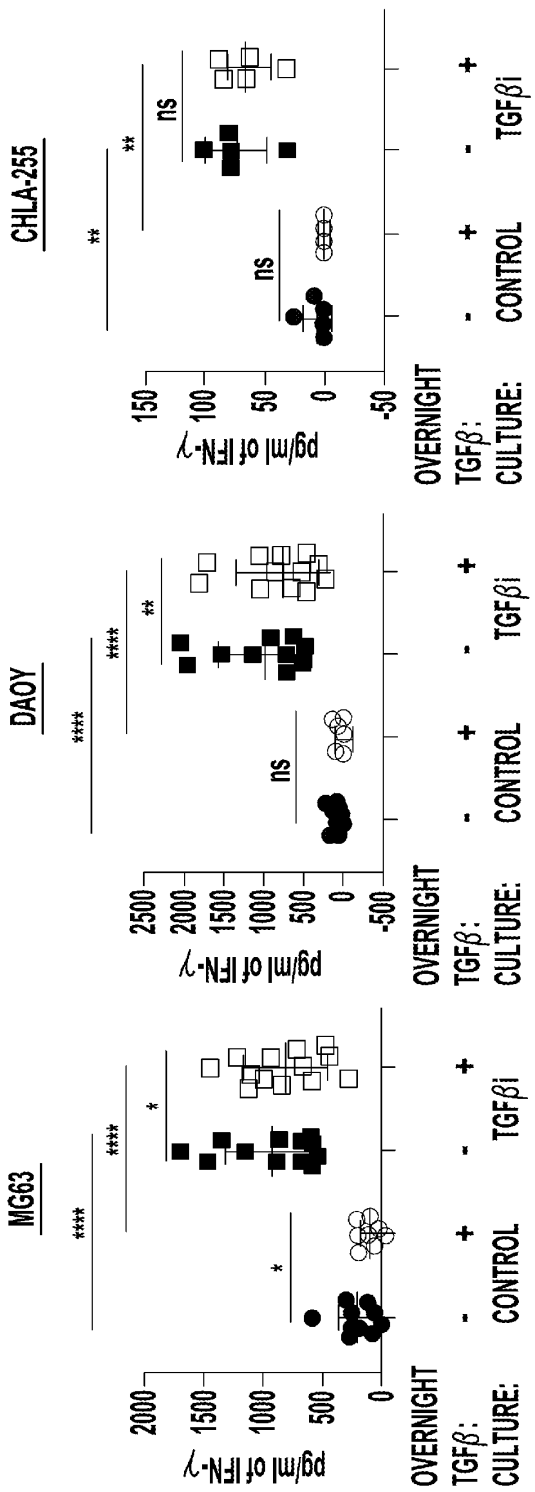

MG63
DAOY
CHLA-255
pg/ml of IFN-γ
2000
1500
1000
500
0
2500
-500
150
100
50
-50
OVERNIGHT
TGFβ:
CULTURE:
-
+
CONTROL
TGFβi
ns
*
**
***
****

FIG. 7

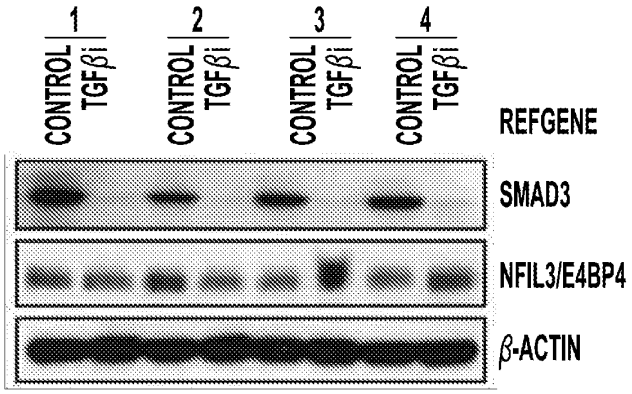

1
CONTROL
TGFβi
2
CONTROL
TGFβi
3
CONTROL
TGFβi
4
CONTROL
TGFβi
REFGENE
SMAD3
NFIL3/E4BP4
β-ACTIN

FIG. 8

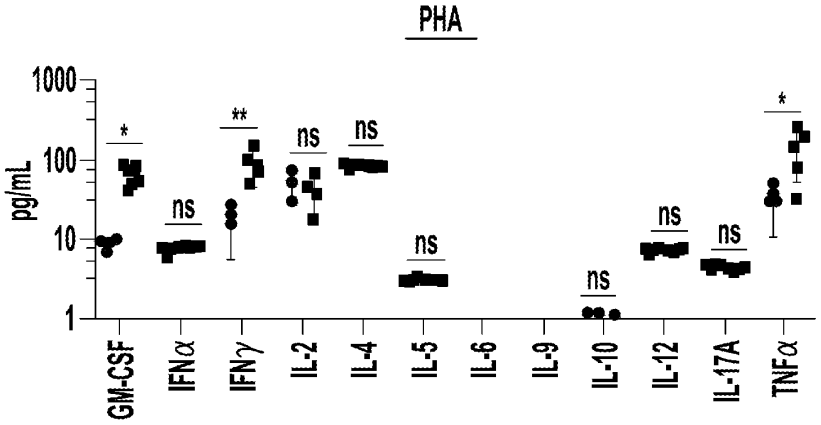

PHA
1000
100
10
1
pg/mL
*
ns
**
ns
ns
ns
ns
ns
ns
*
GM-CSF
IFNα
IFNγ
IL-2
IL-4
IL-5
IL-6
IL-9
IL-10
IL-12
IL-17A
TNFα

FIG. 9

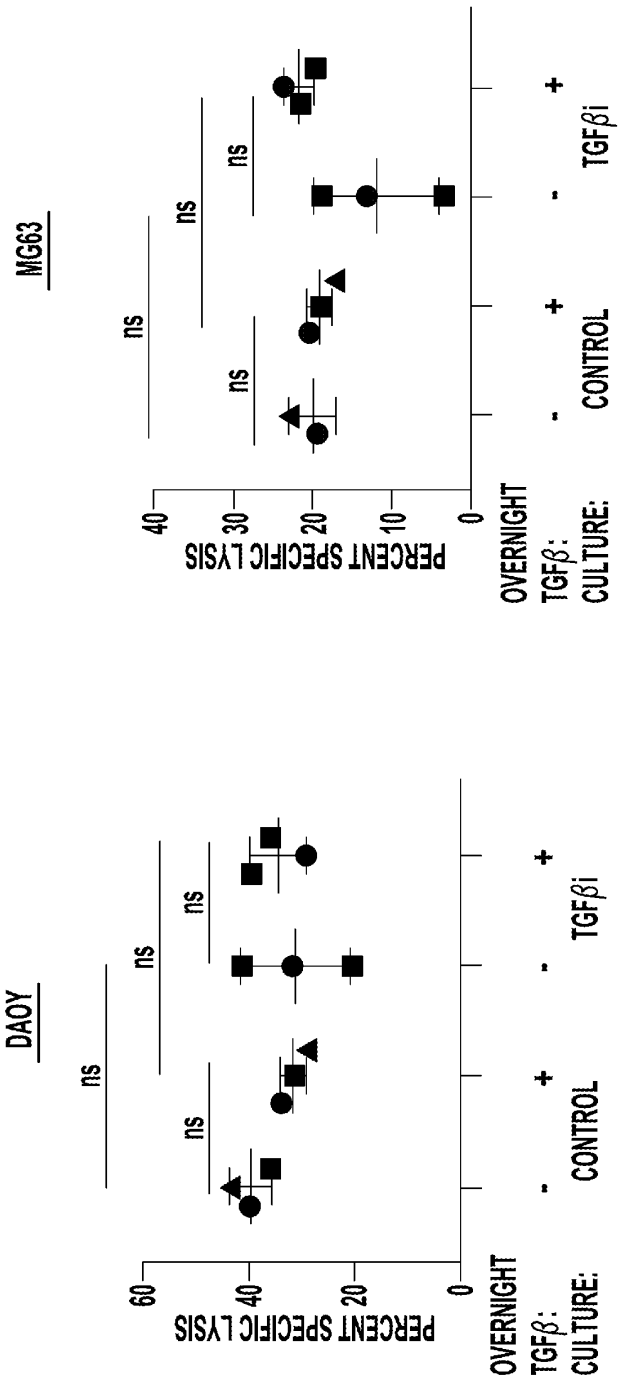

MG63
DAOY
PERCENT SPECIFIC LYSIS
0
10
20
30
40
60
ns
OVERNIGHT
TGFβ:
CULTURE:
-
+
CONTROL
TGFβi

FIG. 10

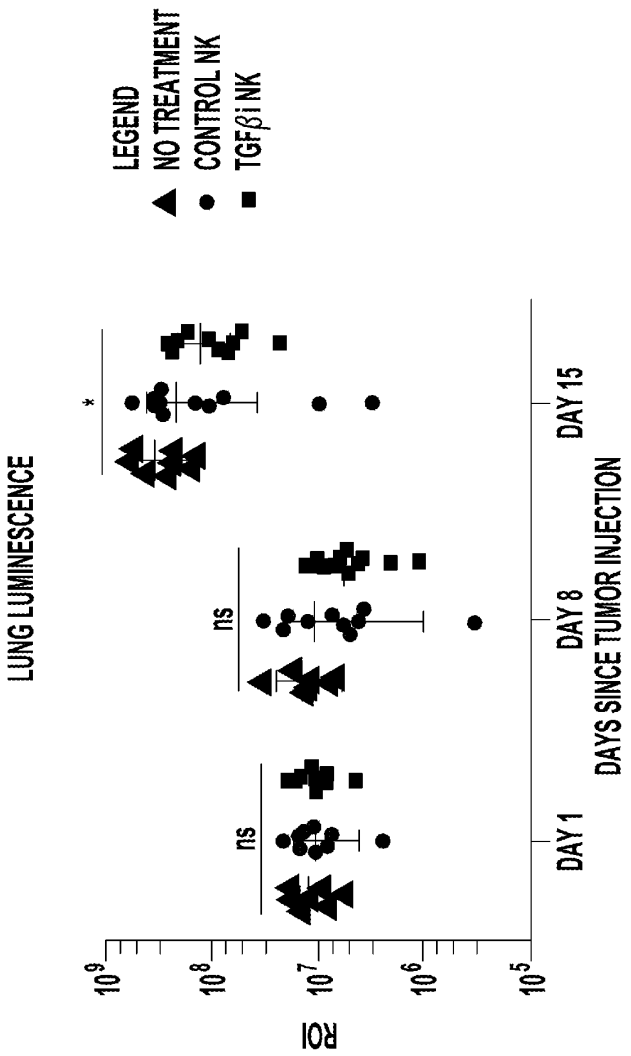

LEGEND
NO TREATMENT
CONTROL NK
TGFβi NK
LUNG LUMINESCENCE
ROI
10^9
10^8
10^7
10^6
10^5
ns
ns
*
DAY 1
DAY 8
DAY 15
DAYS SINCE TUMOR INJECTION

FIG. 11

A

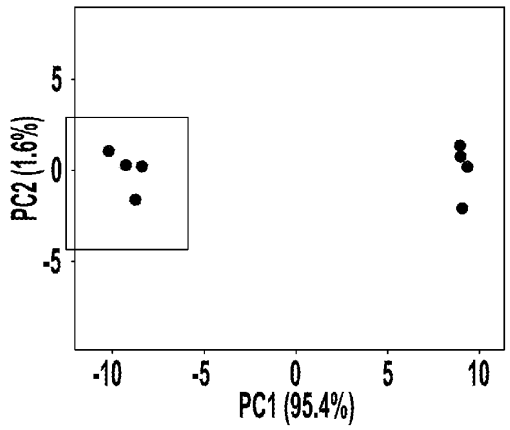


FIG. 12A

B

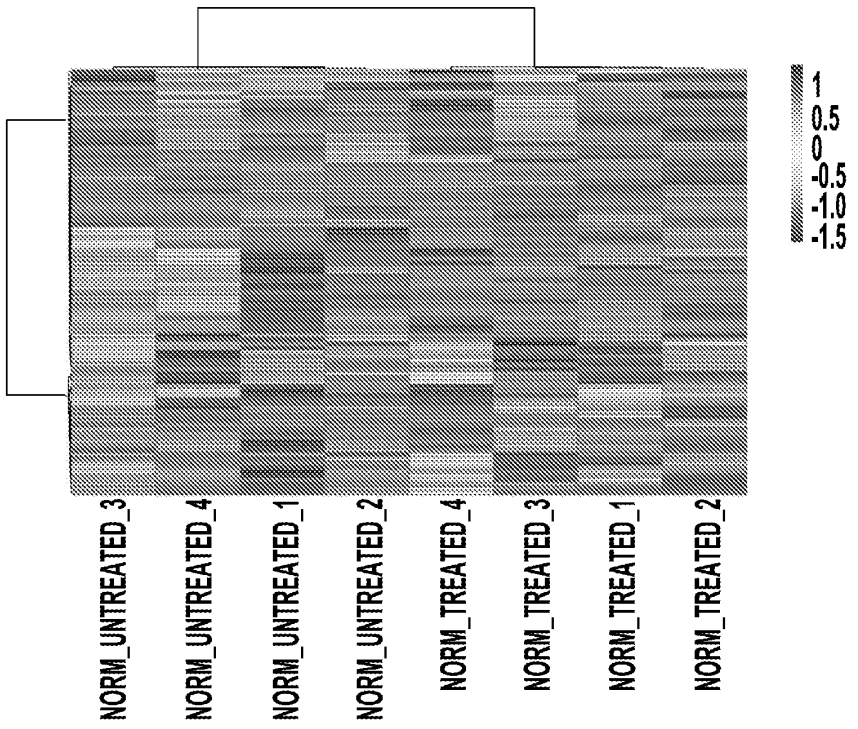


FIG. 12B