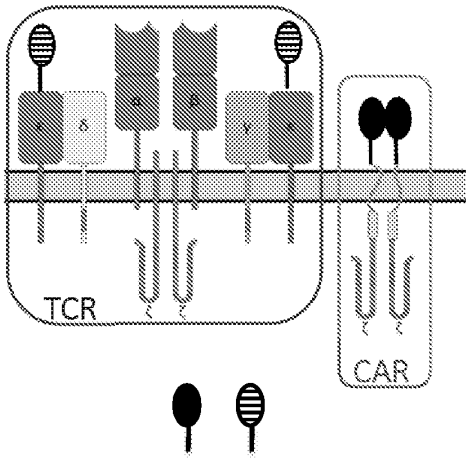


FIG. 1

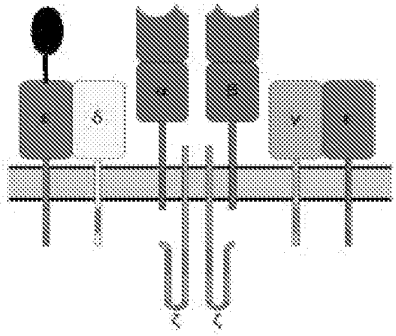


FIG. 2A

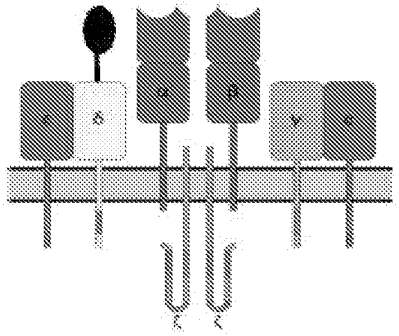


FIG. 2B

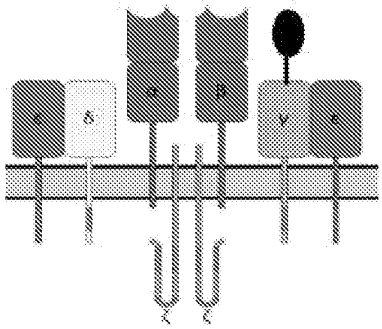


FIG. 2C

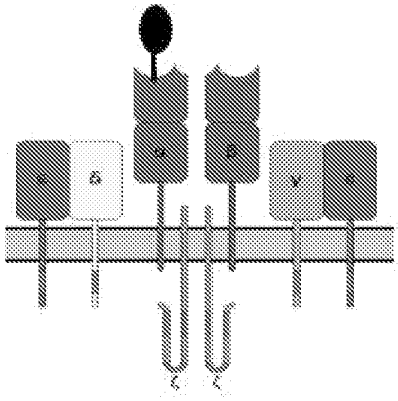


FIG. 2D

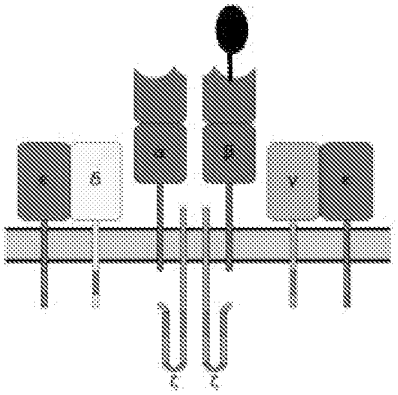


FIG. 2E

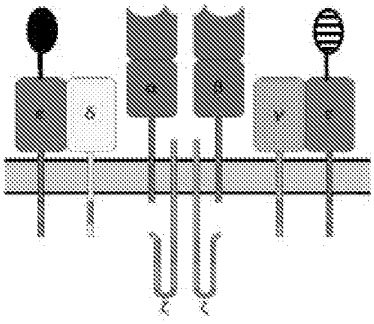


FIG. 2F

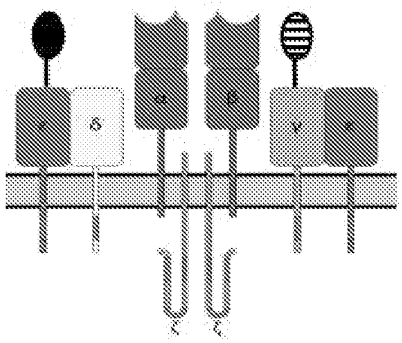


FIG. 2G

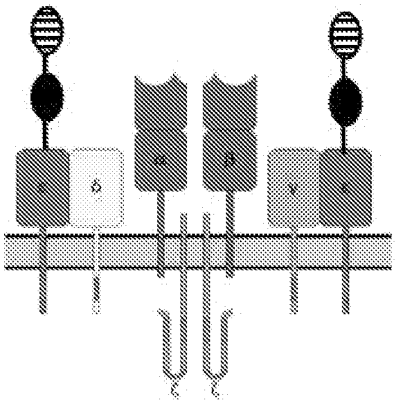


FIG. 2H

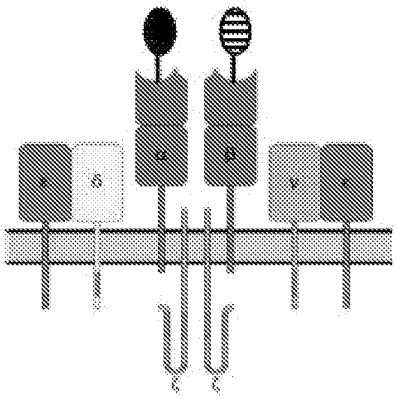


FIG. 2I

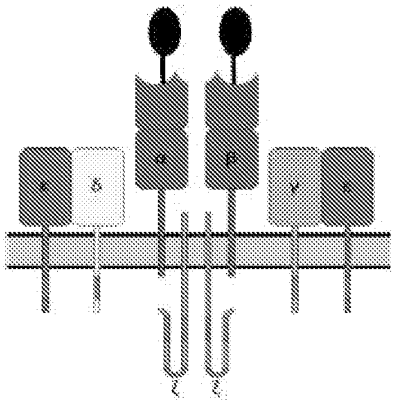


FIG. 2J

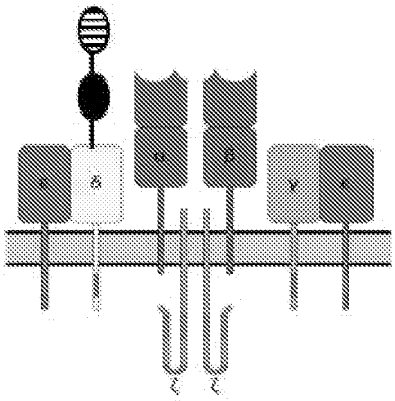


FIG. 2K

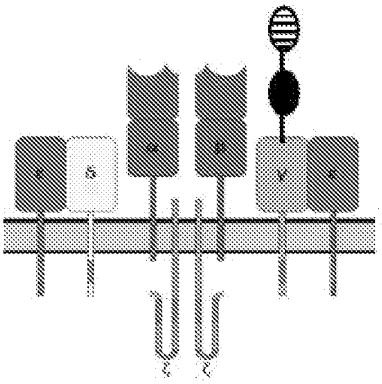


FIG. 2L

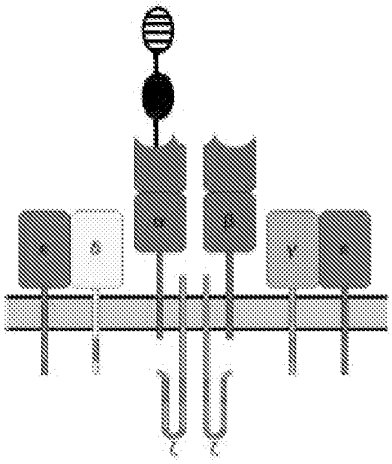


FIG. 2M

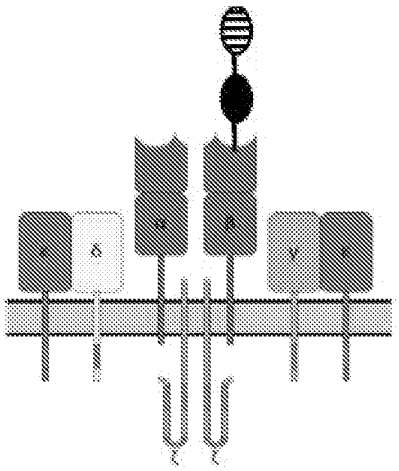


FIG. 2N

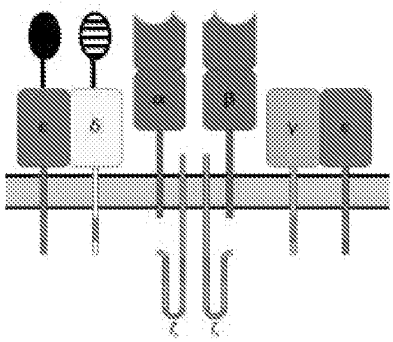


FIG. 2O

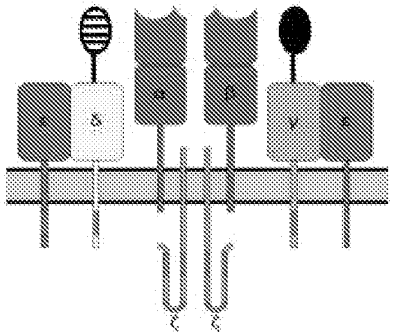


FIG. 2P

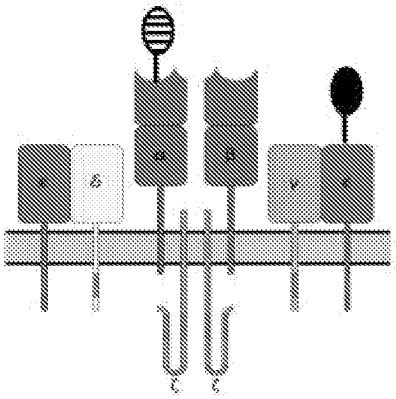


FIG. 2Q

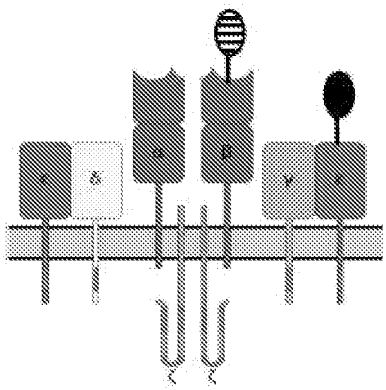


FIG. 2R

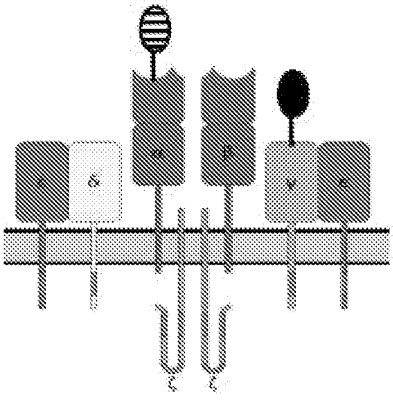


FIG. 2S

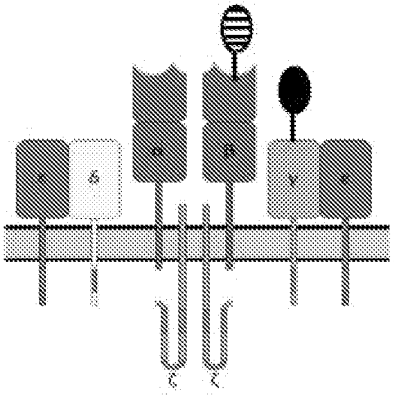


FIG. 2T

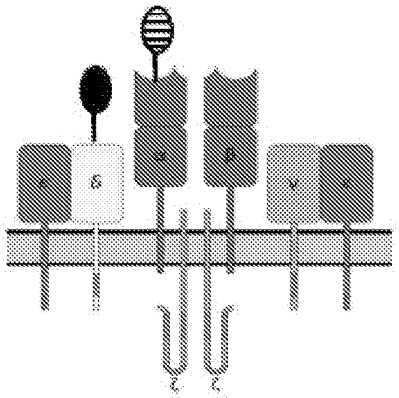


FIG. 2U

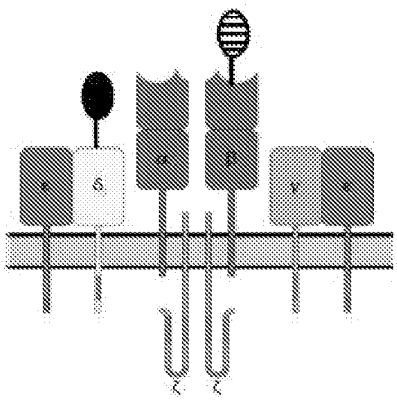


FIG. 2V

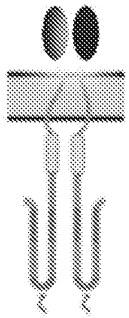


FIG. 3

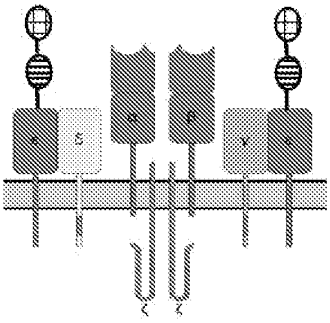


FIG. 4A

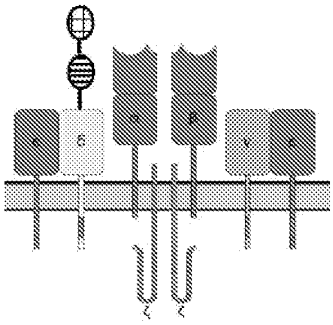


FIG. 4B

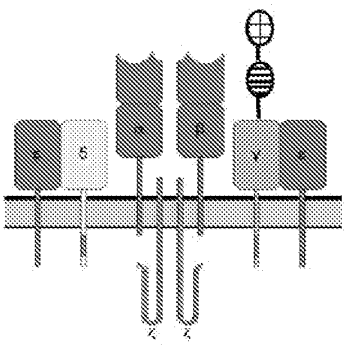


FIG. 4C

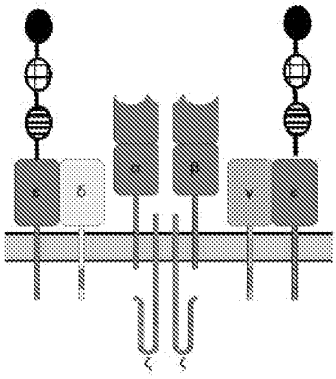


FIG. 4D

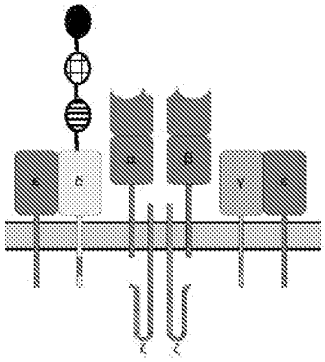


FIG. 4E

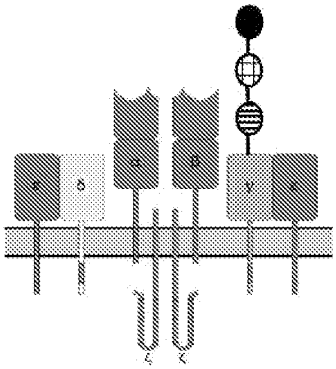


FIG. 4F

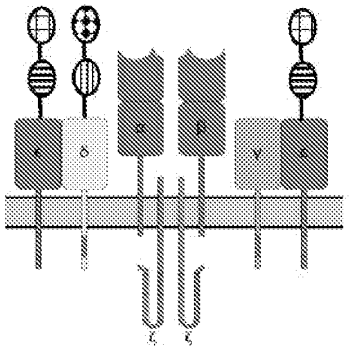


FIG. 4G

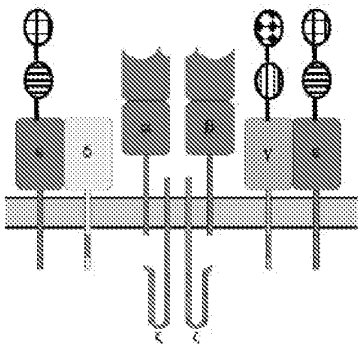


FIG. 4H

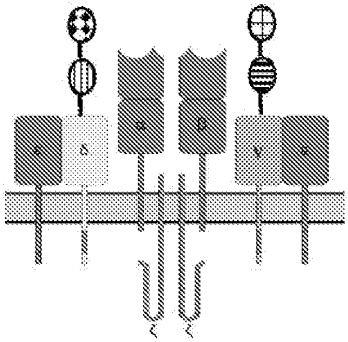


FIG. 4I

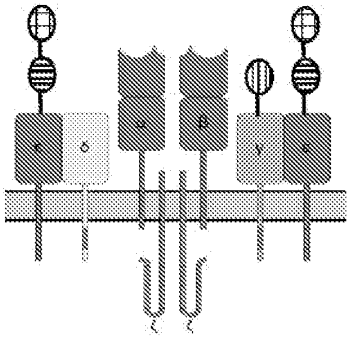


FIG. 4J

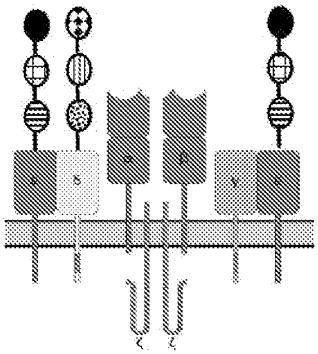


FIG. 4K

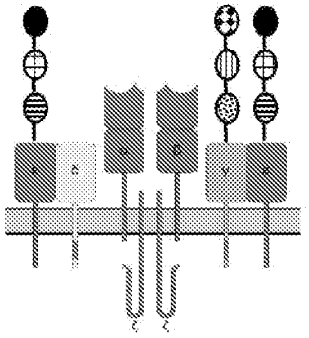


FIG. 4L

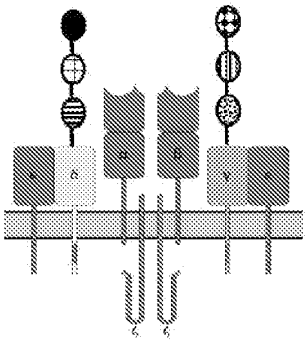


FIG. 4M

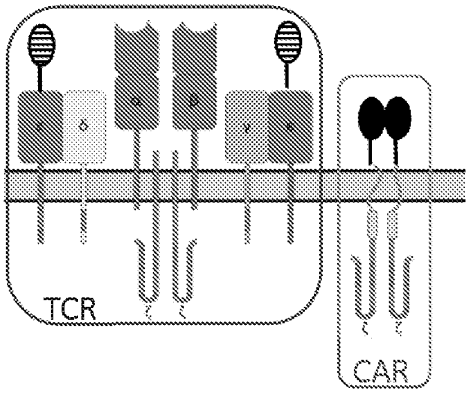


FIG. 5A

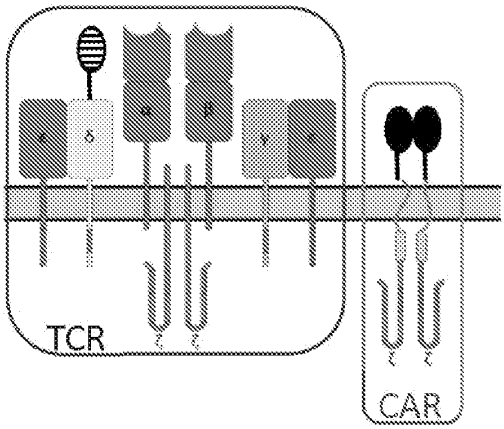


FIG. 5B

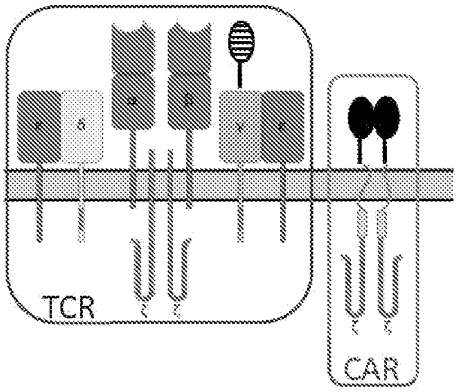


FIG. 5C

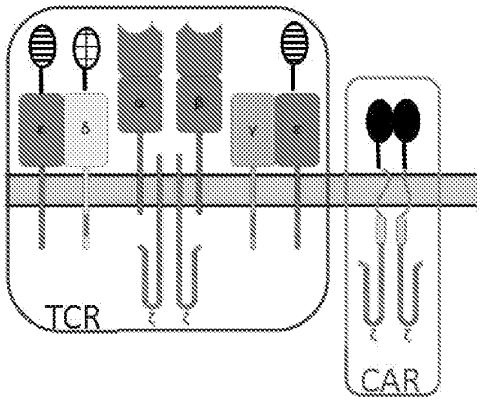


FIG. 5D

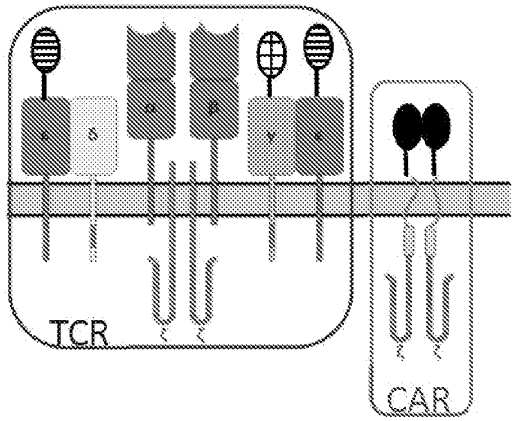


FIG. 5E

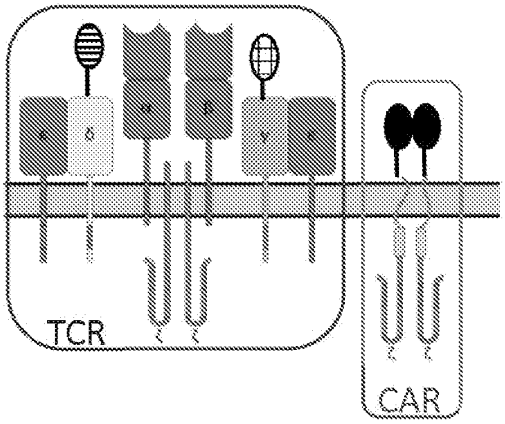


FIG. 5F

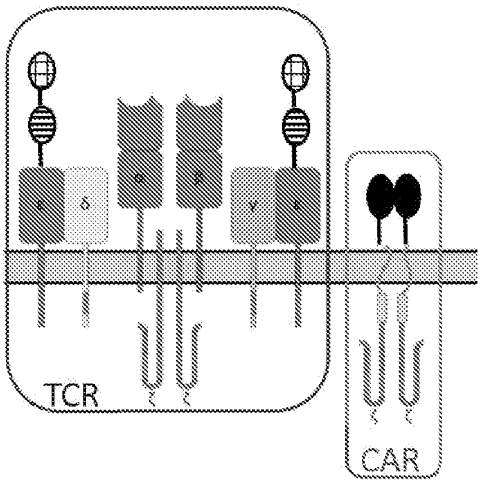


FIG. 5G

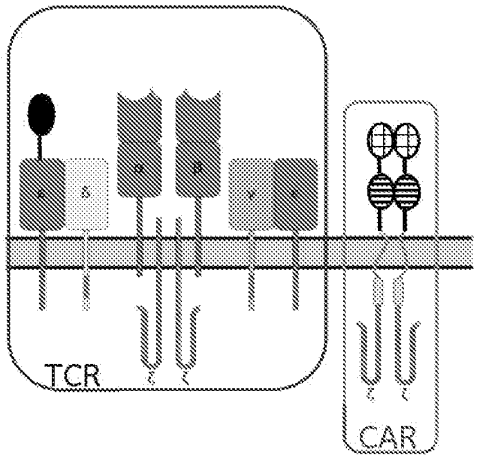


FIG. 5H

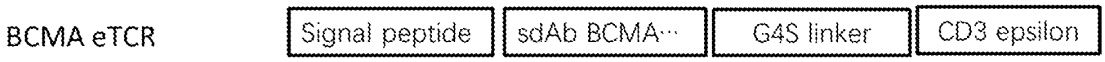


FIG. 6A

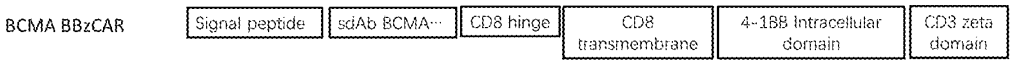


FIG. 6B

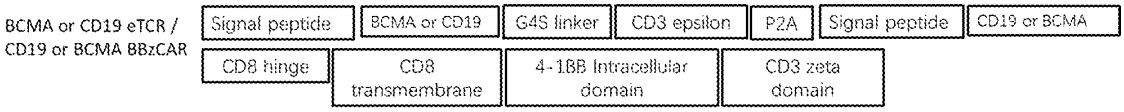


FIG.6C

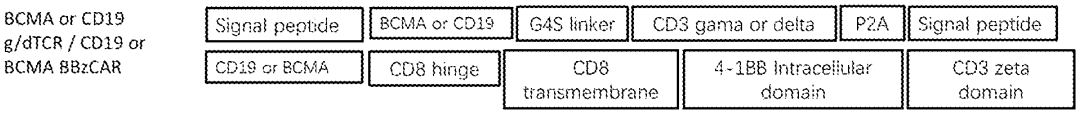


FIG.6D

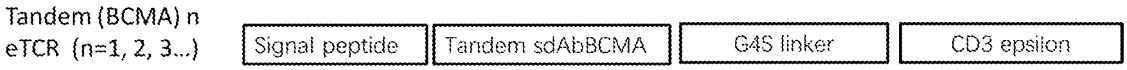


FIG.6E

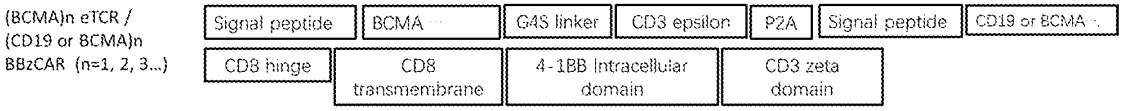


FIG.6F

FIG. 6

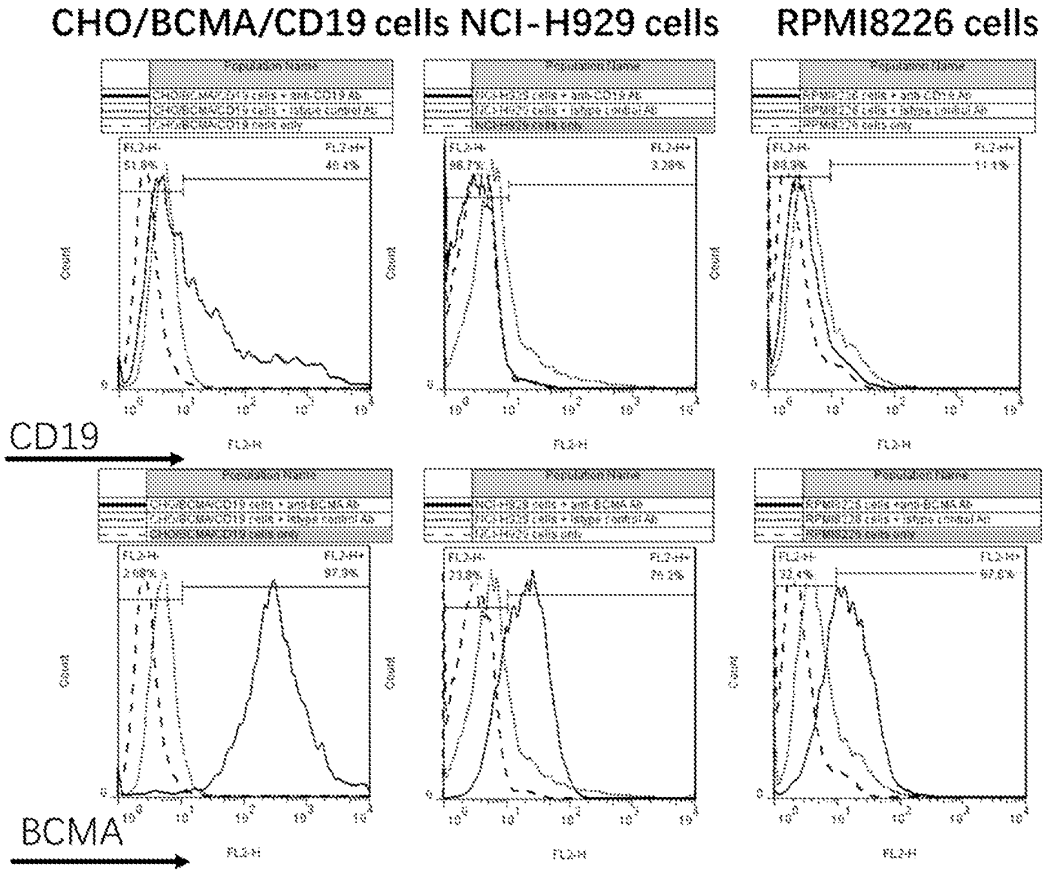

CHO/BCMA/CD19 cells
NCI-H929 cells
RPMI8226 cells
CD19
BCMA
Count
FL2-H

FIG. 7

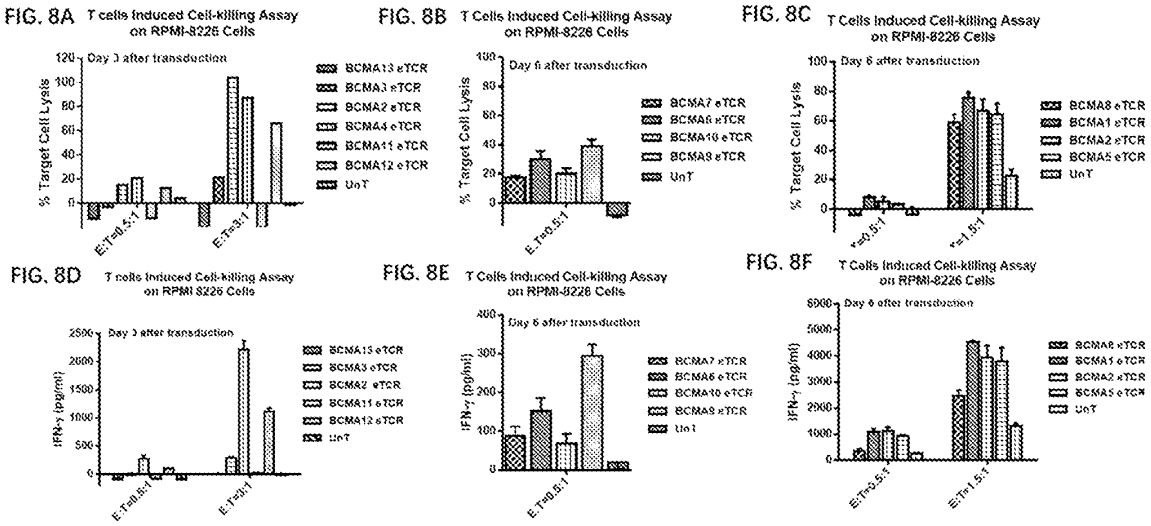

FIG. 8A
T cells induced Cell-killing Assay on RPMI-8226 Cells
Day 3 after transduction
% Target Cell Lysis
BCMA13 eTCR
BCMA3 eTCR
BCMA2 eTCR
BCMA4 eTCR
BCMA11 eTCR
BCMA12 eTCR
UnT
E:T=0.5:1
E:T=3:1
FIG. 8B
T Cells induced Cell-killing Assay on RPMI-8226 Cells
Day 6 after transduction
% Target Cell Lysis
BCMA7 eTCR
BCMA6 eTCR
BCMA10 eTCR
BCMA9 eTCR
UnT
E:T=0.5:1
FIG. 8C
T Cells induced Cell-killing Assay on RPMI-8226 Cells
Day 6 after transduction
% Target Cell Lysis
BCMA8 eTCR
BCMA1 eTCR
BCMA2 eTCR
BCMA5 eTCR
UnT
FIG. 8D
T cells induced Cell-killing Assay on RPMI 8226 Cells
Day 3 after transduction
IFN-γ (pg/ml)
BCMA13 eTCR
BCMA3 eTCR
BCMA2 eTCR
BCMA11 eTCR
BCMA12 eTCR
UnT
E:T=0.5:1
E:T=3:1
FIG. 8E
T Cells induced Cell-killing Assay on RPMI-8226 Cells
Day 6 after transduction
IFN-γ (pg/ml)
BCMA7 eTCR
BCMA6 eTCR
BCMA10 eTCR
BCMA9 eTCR
UnT
E:T=0.5:1
FIG. 8F
T Cells induced Cell-killing Assay on RPMI-8226 Cells
Day 6 after transduction
IFN-γ (pg/ml)
BCMA8 eTCR
BCMA1 eTCR
BCMA2 eTCR
BCMA5 eTCR
UnT
E:T=0.5:1
E:T=1.5:1

FIG. 8

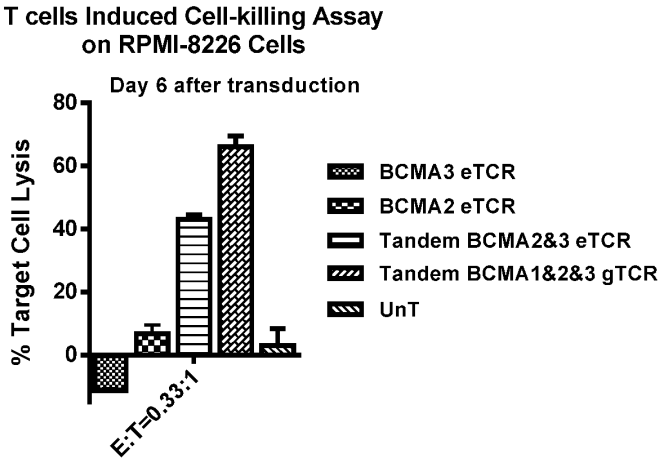


FIG. 9

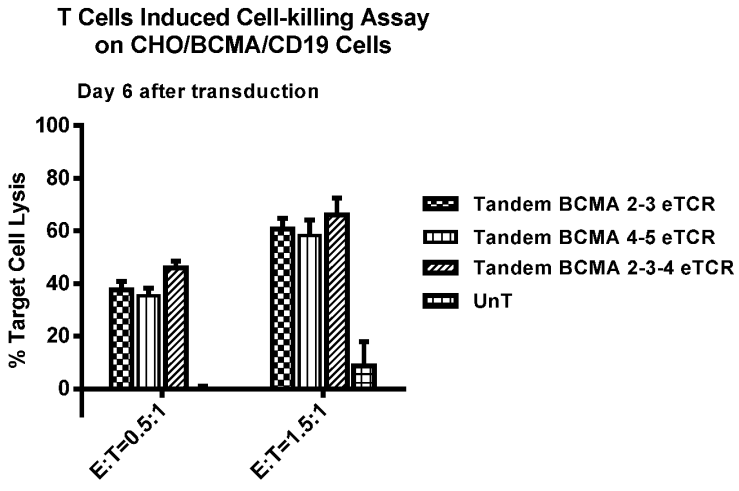


FIG. 10

FIG. 11A

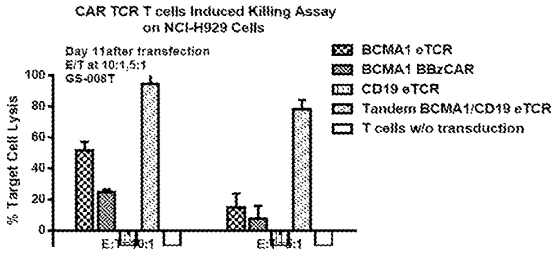


FIG. 11B

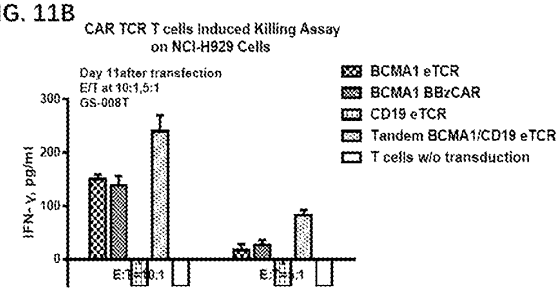


FIG. 11

FIG. 12A

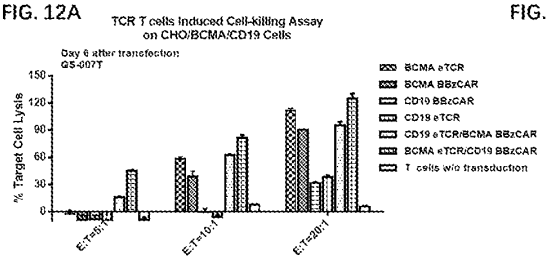


FIG. 12B

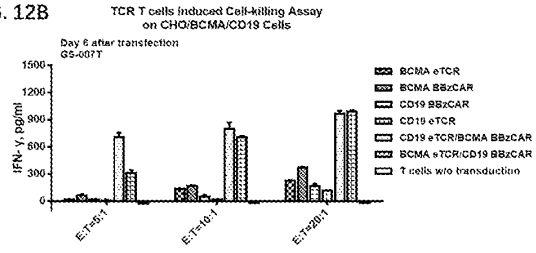


FIG. 12

FIG. 13A

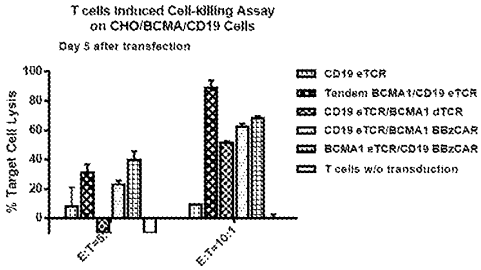


FIG. 13B

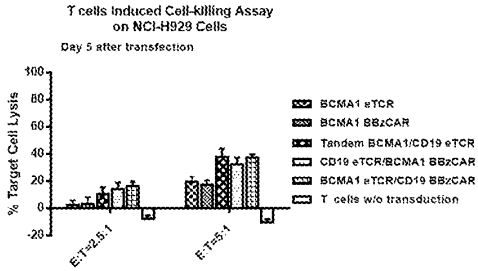


FIG. 13

FIG. 14A

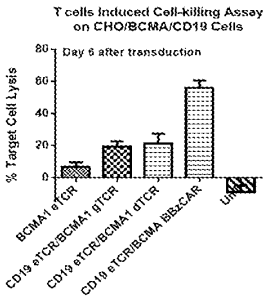


FIG. 14B

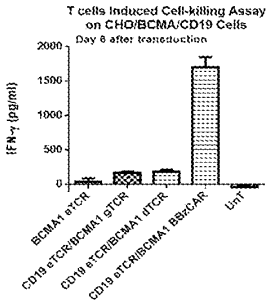


FIG. 14C

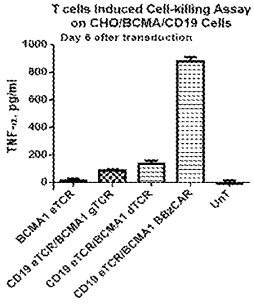


FIG. 14

FIG. 15A

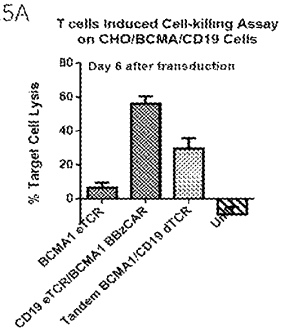


FIG. 15B

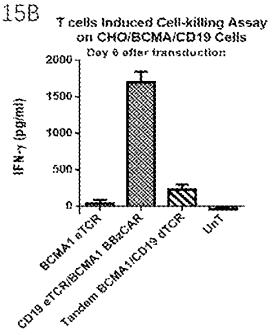


FIG. 15C

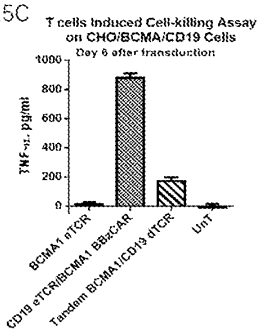


FIG. 15

FIG. 16A

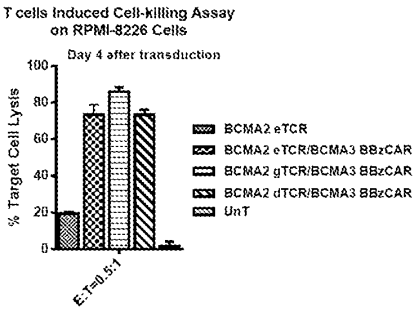


FIG. 16B

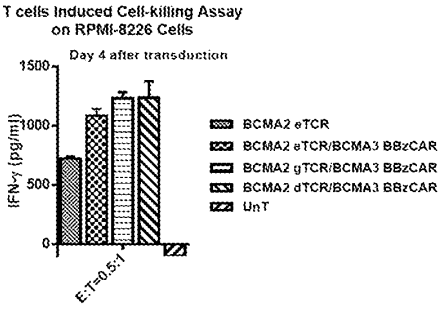


FIG. 16

FIG. 17A

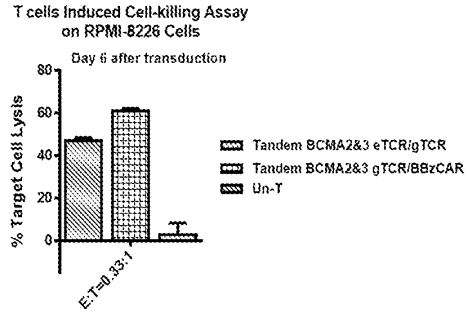


FIG. 17B

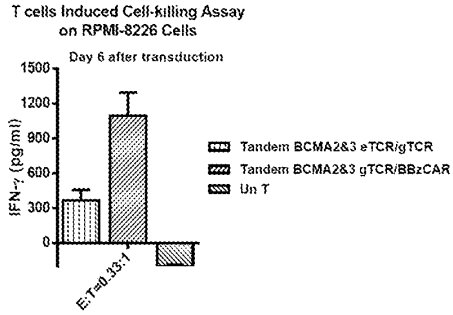


FIG. 17

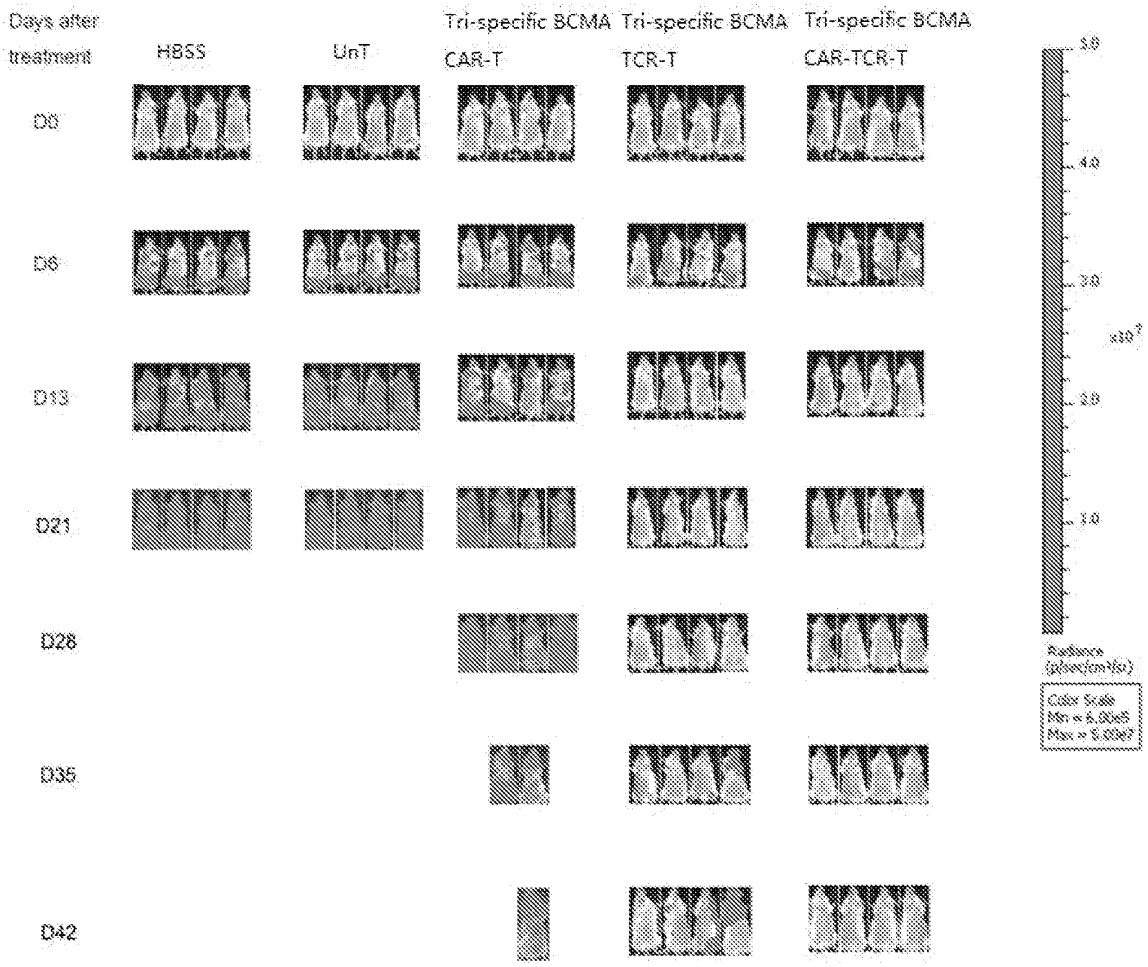


FIG.18A

FIG. 18B

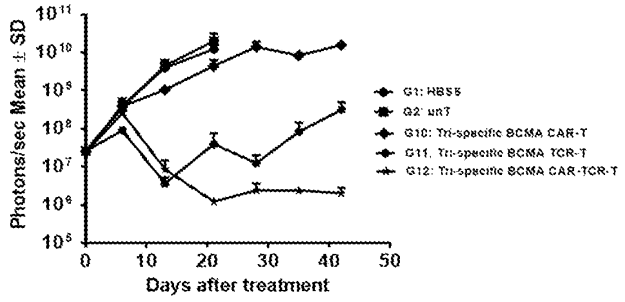


FIG. 18

FIG. 19

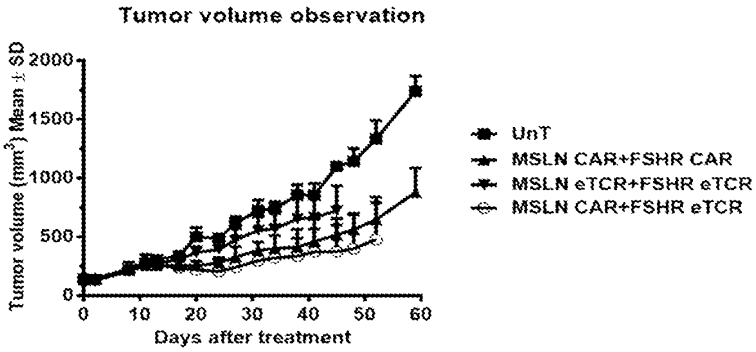

Tumor volume observation
Tumor volume (mm3) Mean ± SD
2000
1500
1000
500
0
0
10
20
30
40
50
60
Days after treatment
UnT
MSLN CAR+FSHR CAR
MSLN eTCR+FSHR eTCR
MSLN CAR+FSHR eTCR

FIG. 19