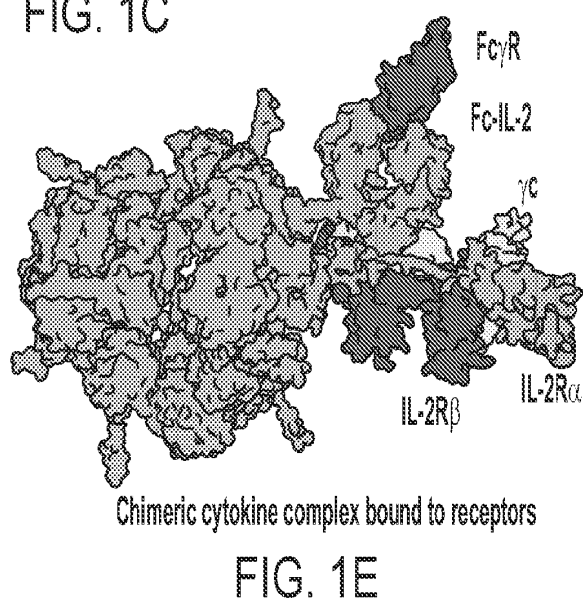
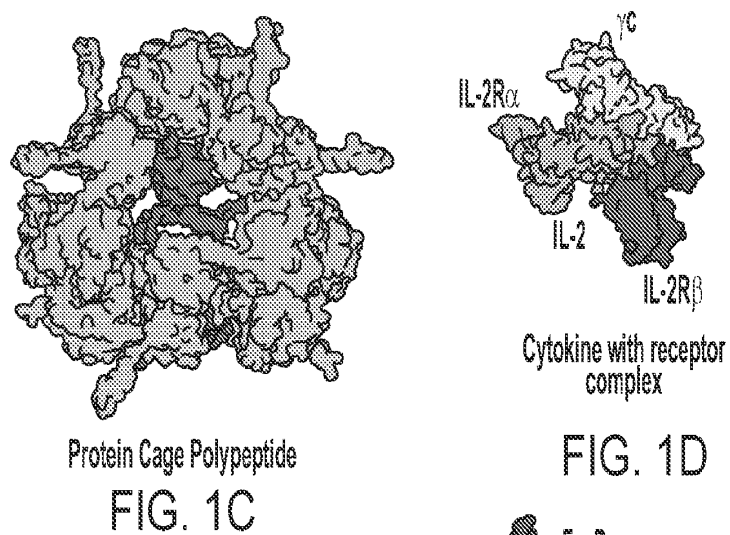
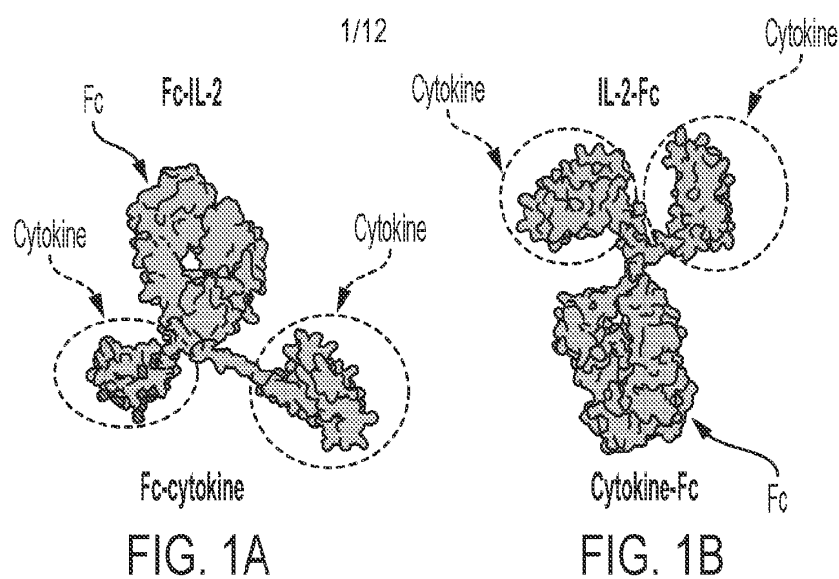




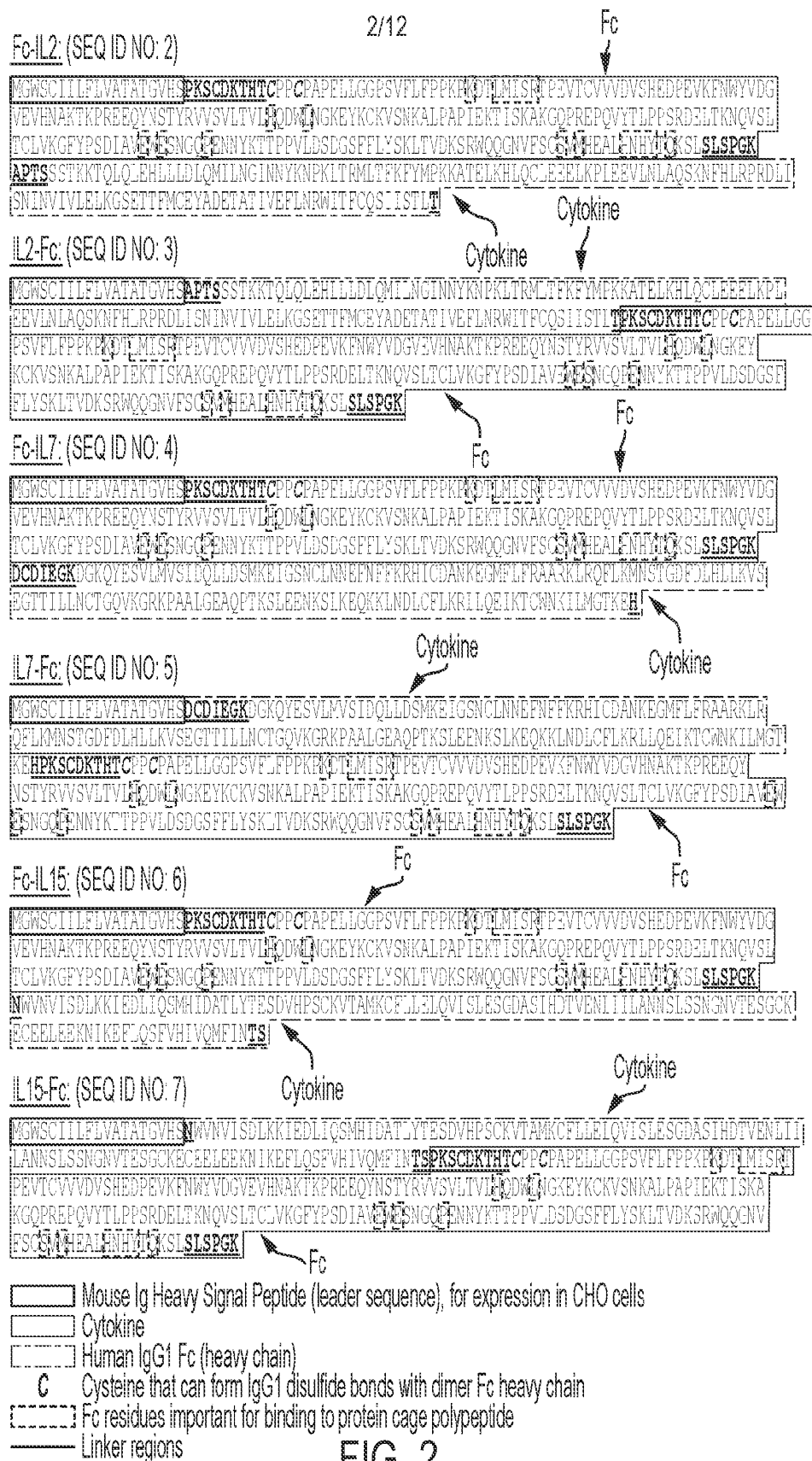


FIG. 2

SUBSTITUTE SHEET (RULE 26)

Fc-IL-2 (SEQ NO : 27)
Q Q G N V F S C S V M H E A L H N H Y T Q K S L S L S P G K A P T S S S T
K K T Q L Q L E H L L L D L Q M I L N G I N N Y K N P K L T R M L

IL-2-Fc (SEQ NO : 28)
W I T F C Q S I T S T L T P K S C D K T H T C P P C P A P E L L G G P S
V F L F P P K P K D T L M I S R T P

Fc-IL-7 (SEQ NO : 29)
S R W Q Q G N V F S C S V M H E A L H N H Y T Q K S L S L S P G K D C D I
E G K D G K Q Y E S V L M V S I D Q L L D S M K E I G S N C L N N

IL-7-Fc (SEQ NO : 30)
D L C F L K R L L Q E I K T C W N K I L M G T K E H P K S C D K T H T C P
P C P A P E L L G G P S V F L F P P K P K D T L M I S R T P E V T C V V V

Fc-IL-15 (SEQ NO : 31)
W Q Q G N V F S C S V M H E A L H N H Y T Q K S L S L S P G K N W V N V I
S D L K K I E D L I Q S M H I D A T L Y T E S D V H P S C K V

IL-15-Fc (SEQ NO : 32)
F V H I V Q M F I N T S P K S C D K T H T C P P C P A P E L L G G P S
V F L F P P K P

- Cleaved by Aspartic protease after this residue (P1 position)
- Cleaved by Cysteine protease after this residue (P1 position)
- Cleaved by Metalloprotease after this residue (P1 position)
- Cleaved by Serine protease after this residue (P1 position)
- Cleaved by different multiple protease superfamilies after this position (P1 position)

FIG. 3

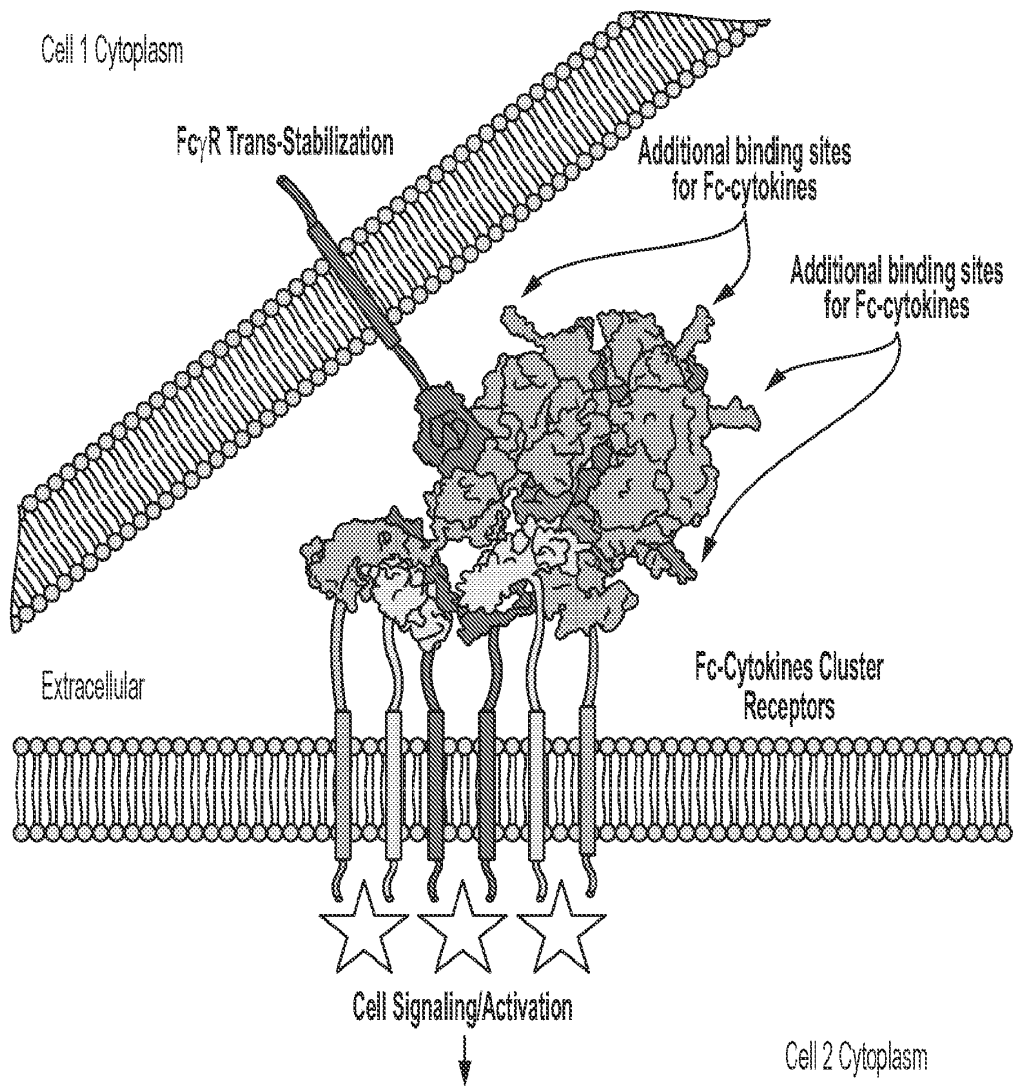


FIG. 4

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Engineered Human IgG1 Fc (heavy chain): (SEQ ID NO: 1)

PKSCDKTHTCPPCPAPELLGGESVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK
 THTPQEKQNSTYRWMSVLTVLHQDWLNGKEYKCKVSNKGLPAPIEKTISKAKGQPREPQVYTLPPSRDELTKN
 QVSLTCLVKGFPSTDAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEAL
 HNHYTQKSLSLSPGK

- C Cysteine that can form IgG1 disulfide bonds with dimer Fc heavy chain
 [-----] Site of mutation for modulating FcγR binding
 ——— Linker regions

FIG. 5

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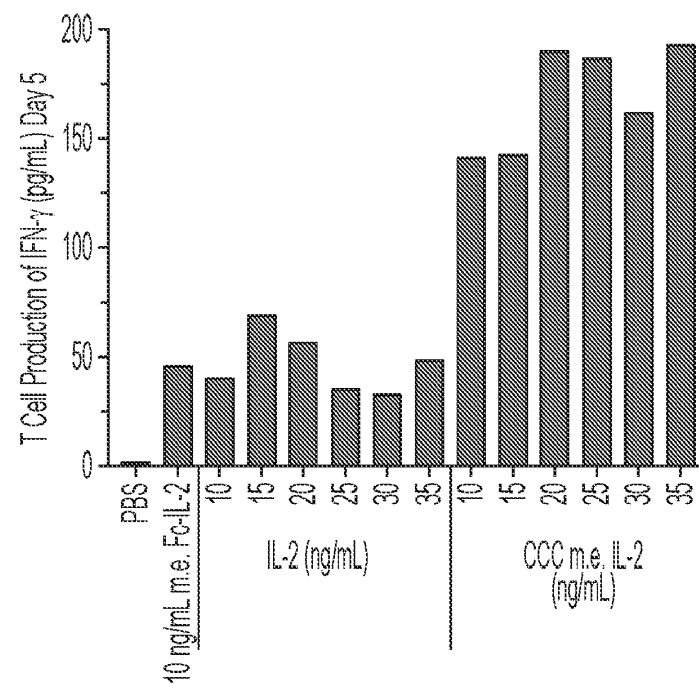


Fig. 6

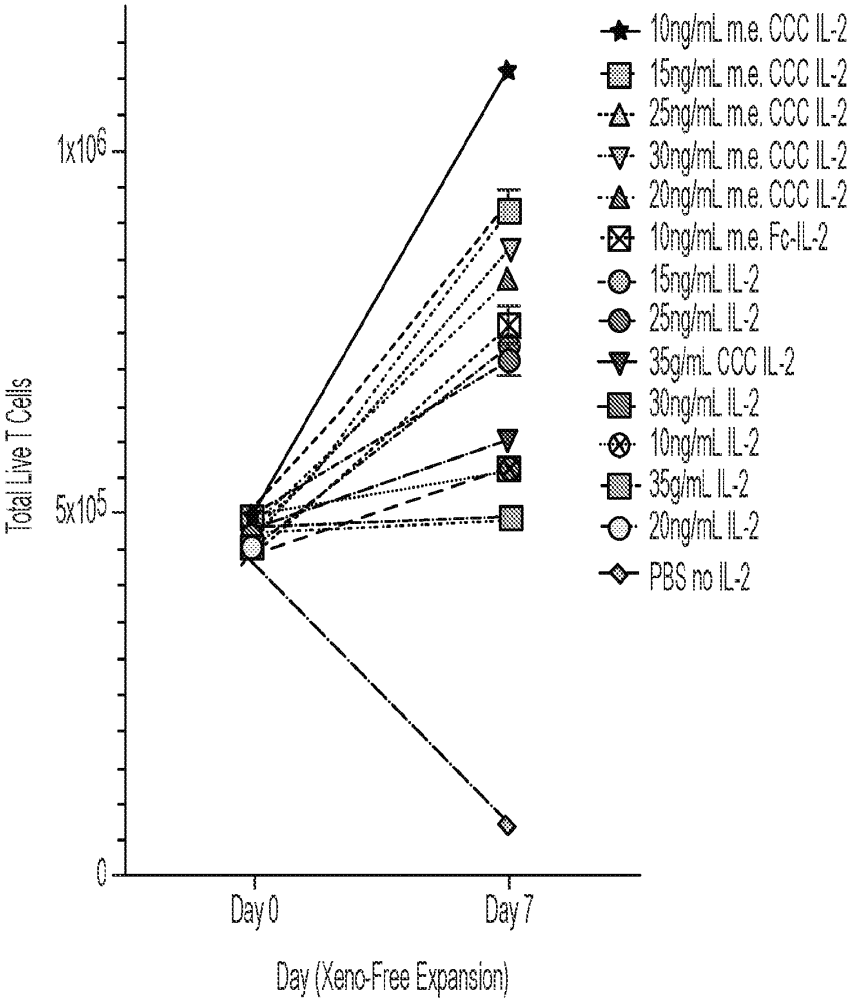


FIG. 7

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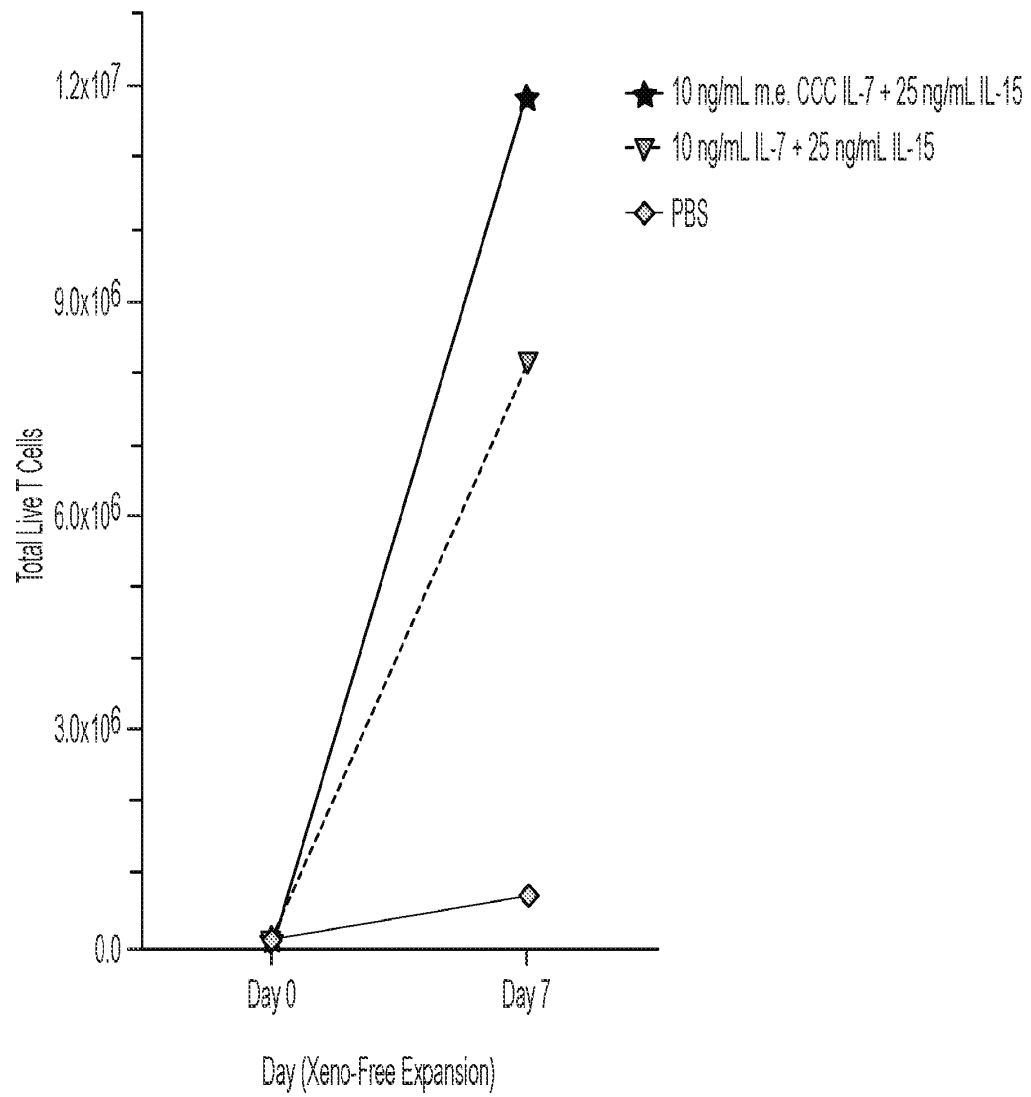


FIG. 8

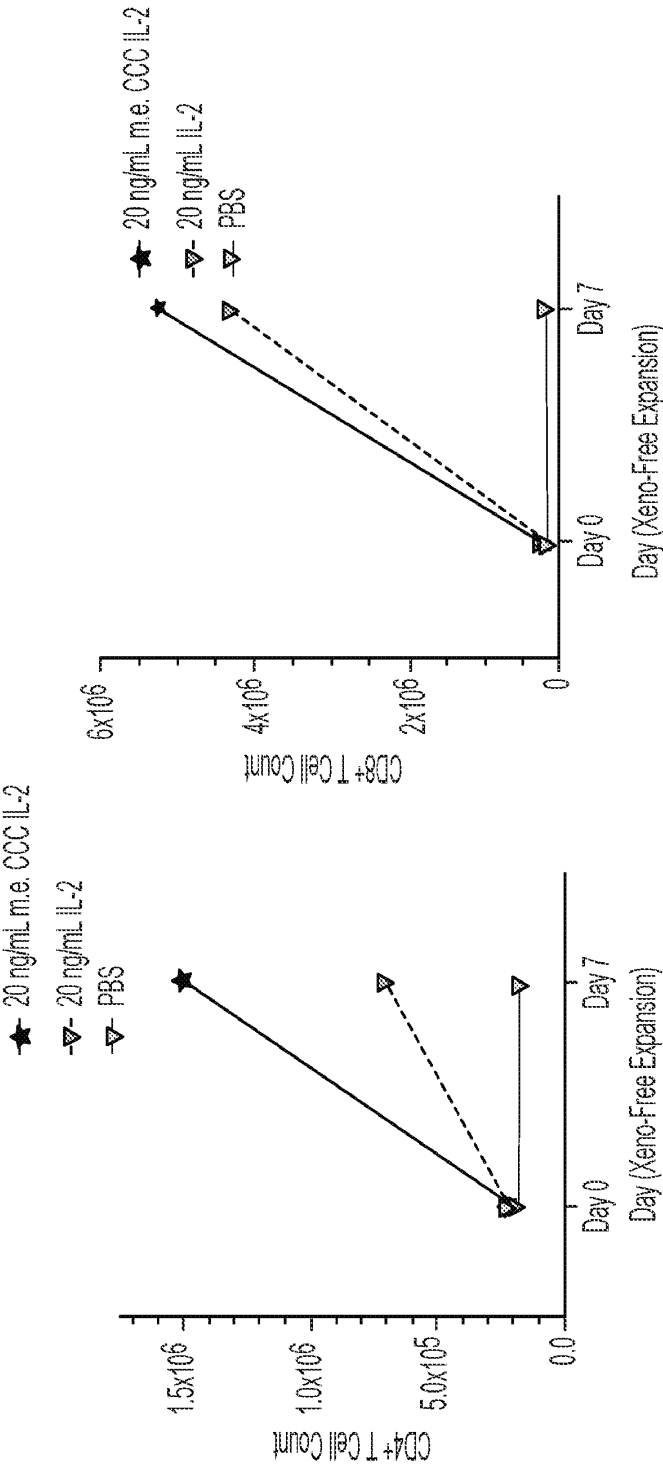


FIG. 9B

FIG. 9A

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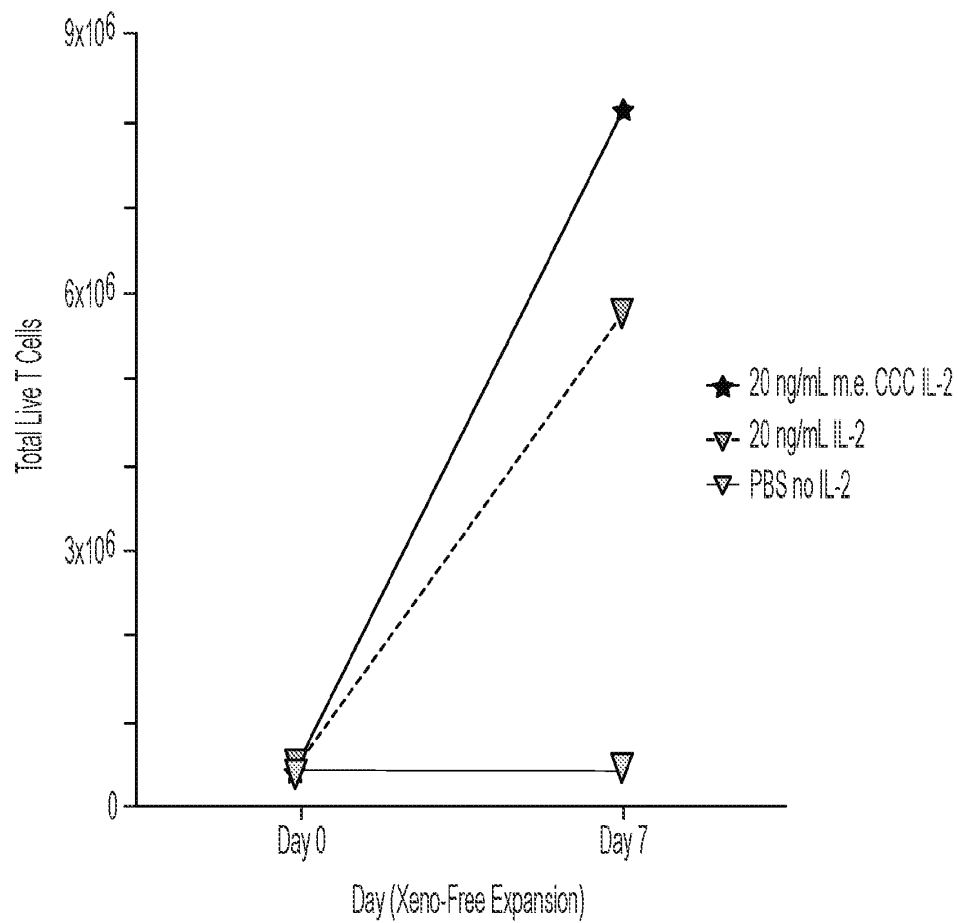
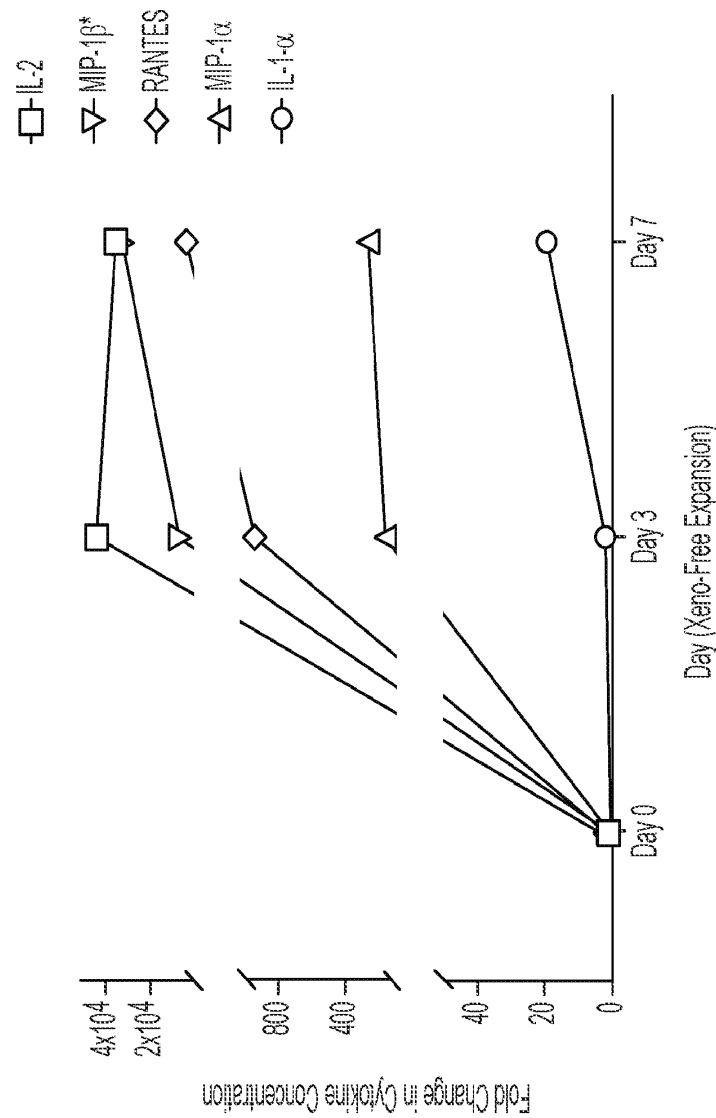


FIG. 9C



* Day 7 was above the limit of detection

FIG. 10

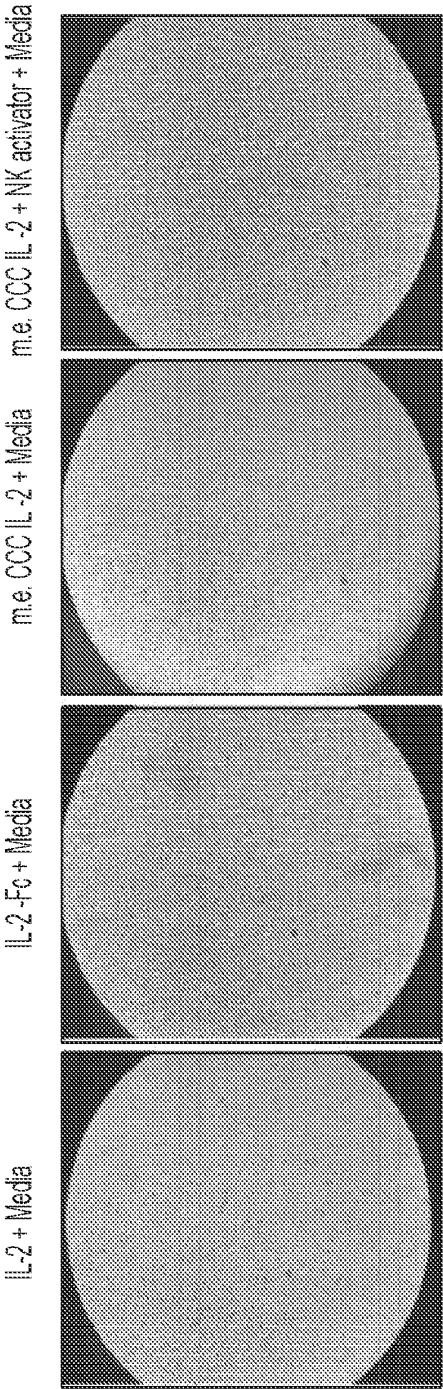


FIG. 11A

FIG. 11B

FIG. 11C

FIG. 11D