

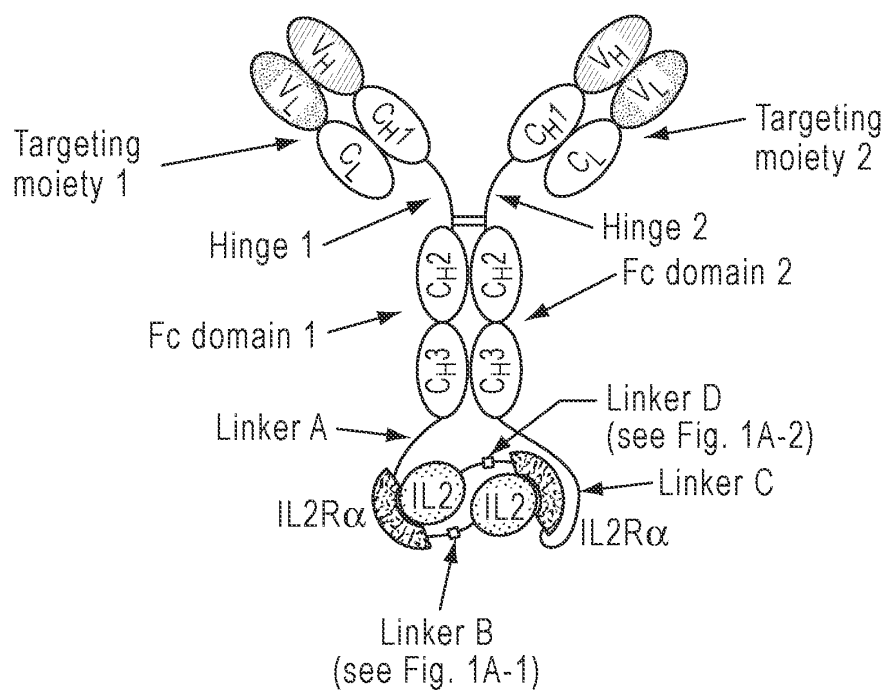


FIG. 1A

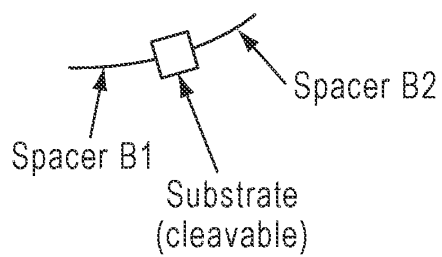


FIG. 1A-1

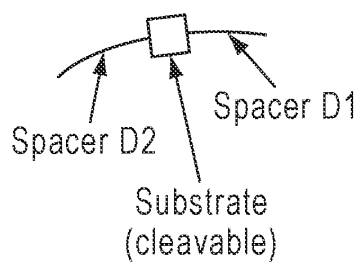


FIG. 1A-2

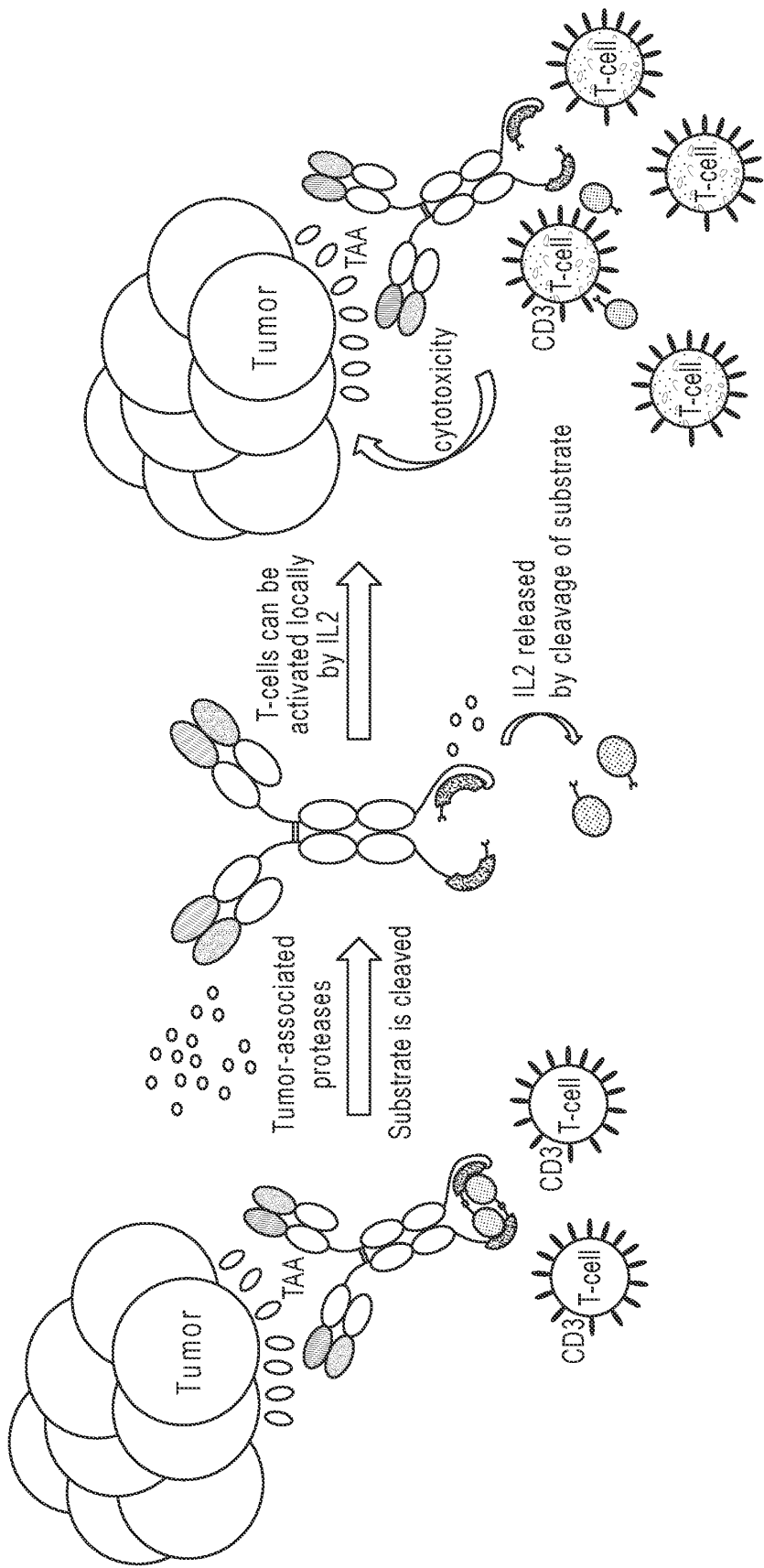


FIG. 1B

1. PCL1 linker-No enzyme

2. PCL1 linker-uPA

3. PCL1 linker-MT-SP1

4. PCL1 linker-MMP2

5. PCL1 linker-MMP9

6. PCL2 linker-No enzyme

7. PCL2 linker-uPA

8. PCL2 linker-MT-SP1

9. PCL2 linker-MMP2

10. PCL2 linker-MMP9

11. REGN7183-IL2-mmh

12. PCL3 linker-No enzyme

13. PCL3 linker-uPA

14. PCL3 linker-MT-SP1

15. PCL3 linker-MMP2

16. PCL3 linker-MMP9

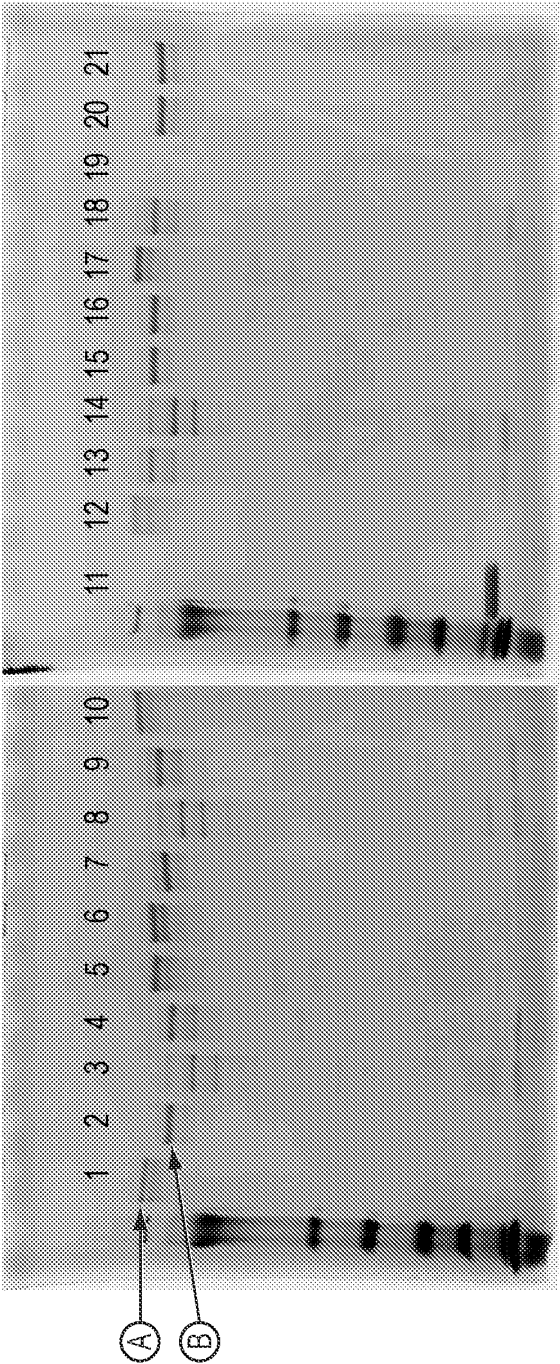
17. PCL4 linker-No enzyme

18. PCL4 linker-uPA

19. No Protein

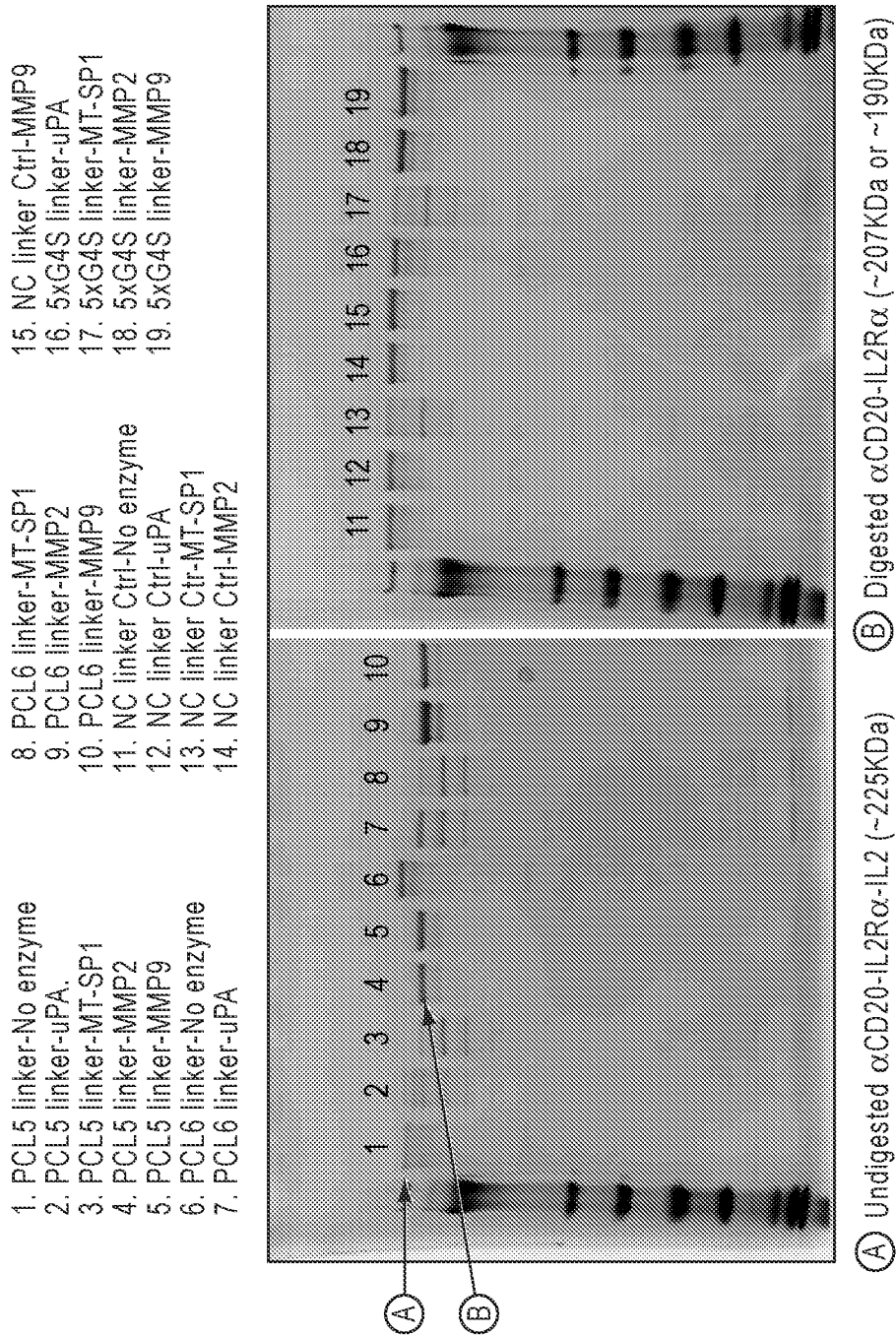
20. PCL4 linker-MMP2

21. PCL4 linker-MMP9



Ⓐ Undigested αCD20-IL2Rα-IL2 (~225KDa) Ⓑ Digested αCD20-IL2Rα (~207KDa or ~190KDa)

FIG. 2



YT/pGL452-STAT5 luc/CL4/hIL7Ra Luciferase assay_5h
Protease digestion for 24hr @ 37C

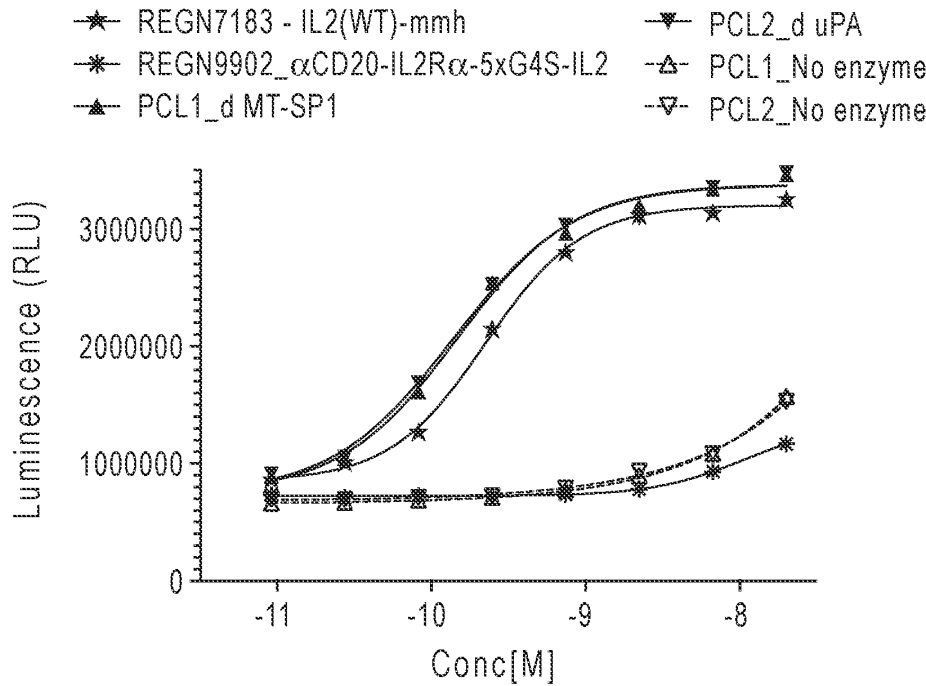


FIG. 4A

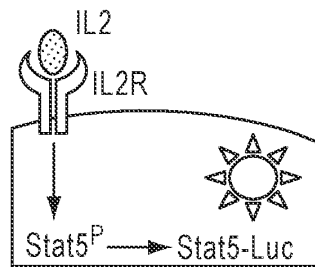


FIG. 4B

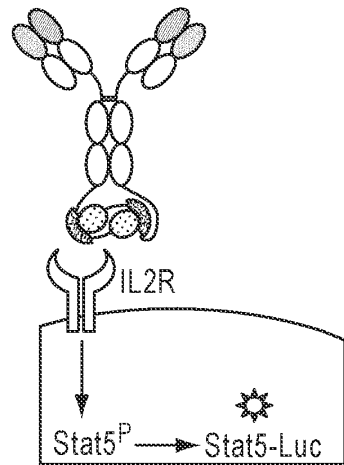
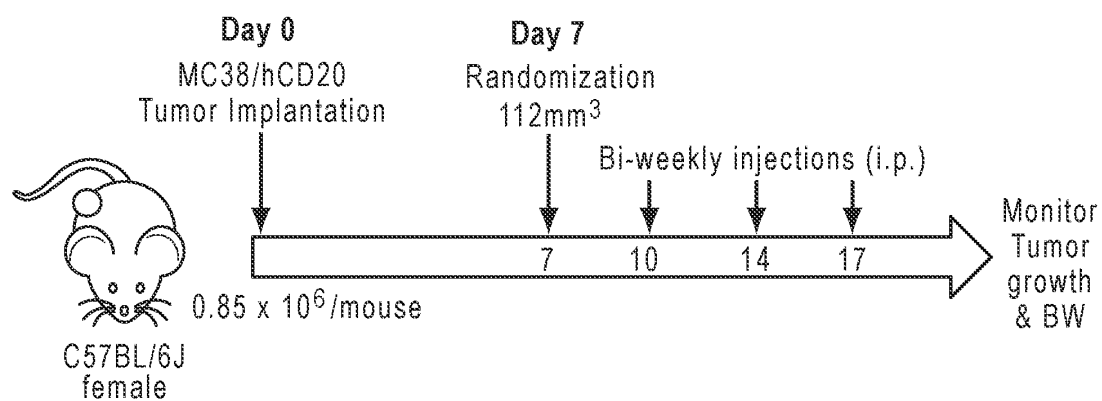


FIG. 4C

6/22



Group #	Description
1	REGN4576 (1.5mpk)
2	H4sH11810P2 (1.5mpk)
3	Isotype-IL2R α -IL2 (0.5mpk)
4	α CD20_PCL2_IL2 (0.5mpk)
5	α CD20_PCL4_IL2 (0.5mpk)
6	α CD20_PCL6_IL2 (0.5mpk)
7	α CD20_NCL1_IL2 (0.5mpk)
8	α CD20_PCL6_IL2 (1.5mpk)
9	α CD20_NCL2_IL2 (1.5mpk)

FIG. 5A

7/22

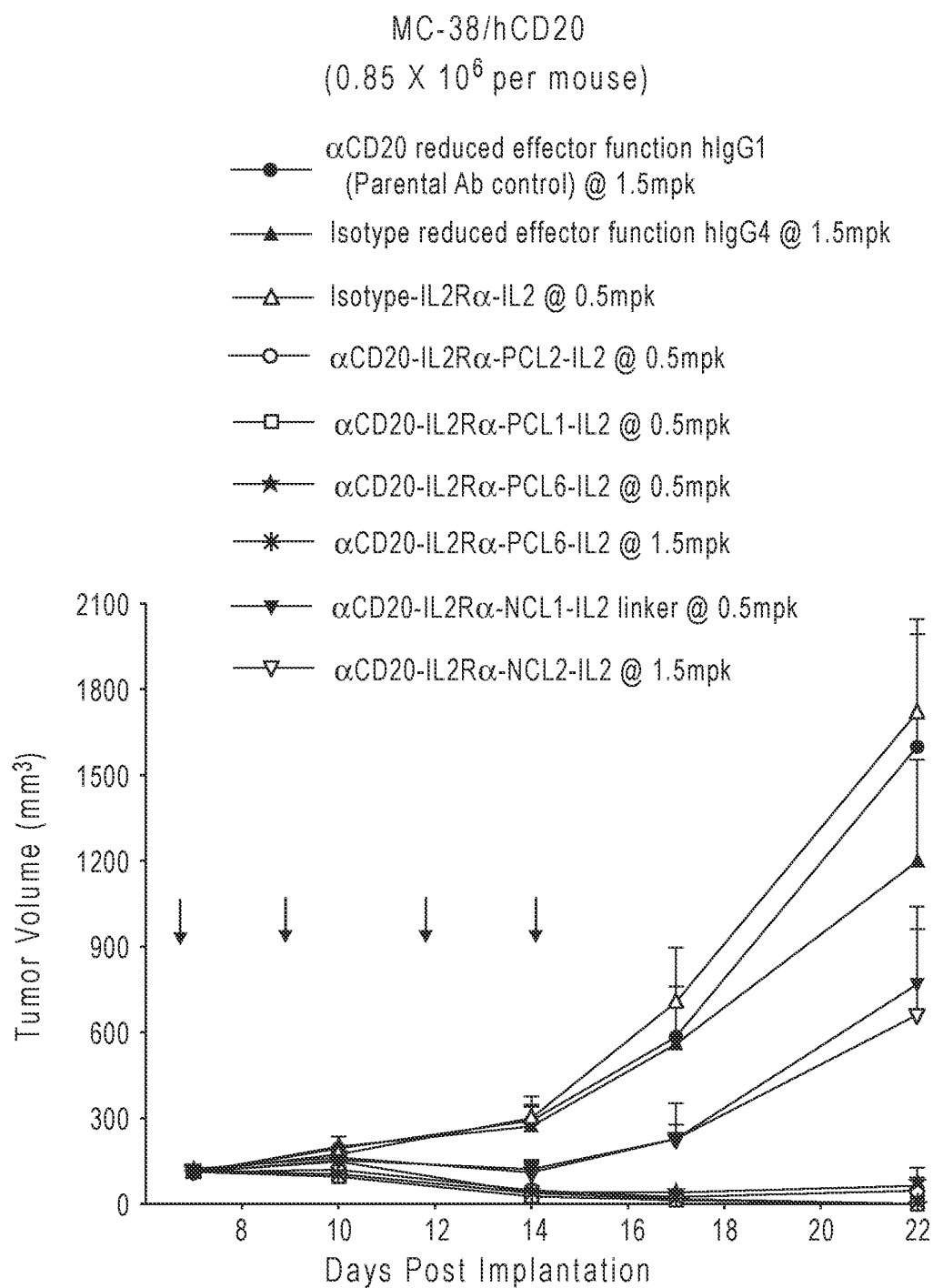


FIG. 5B

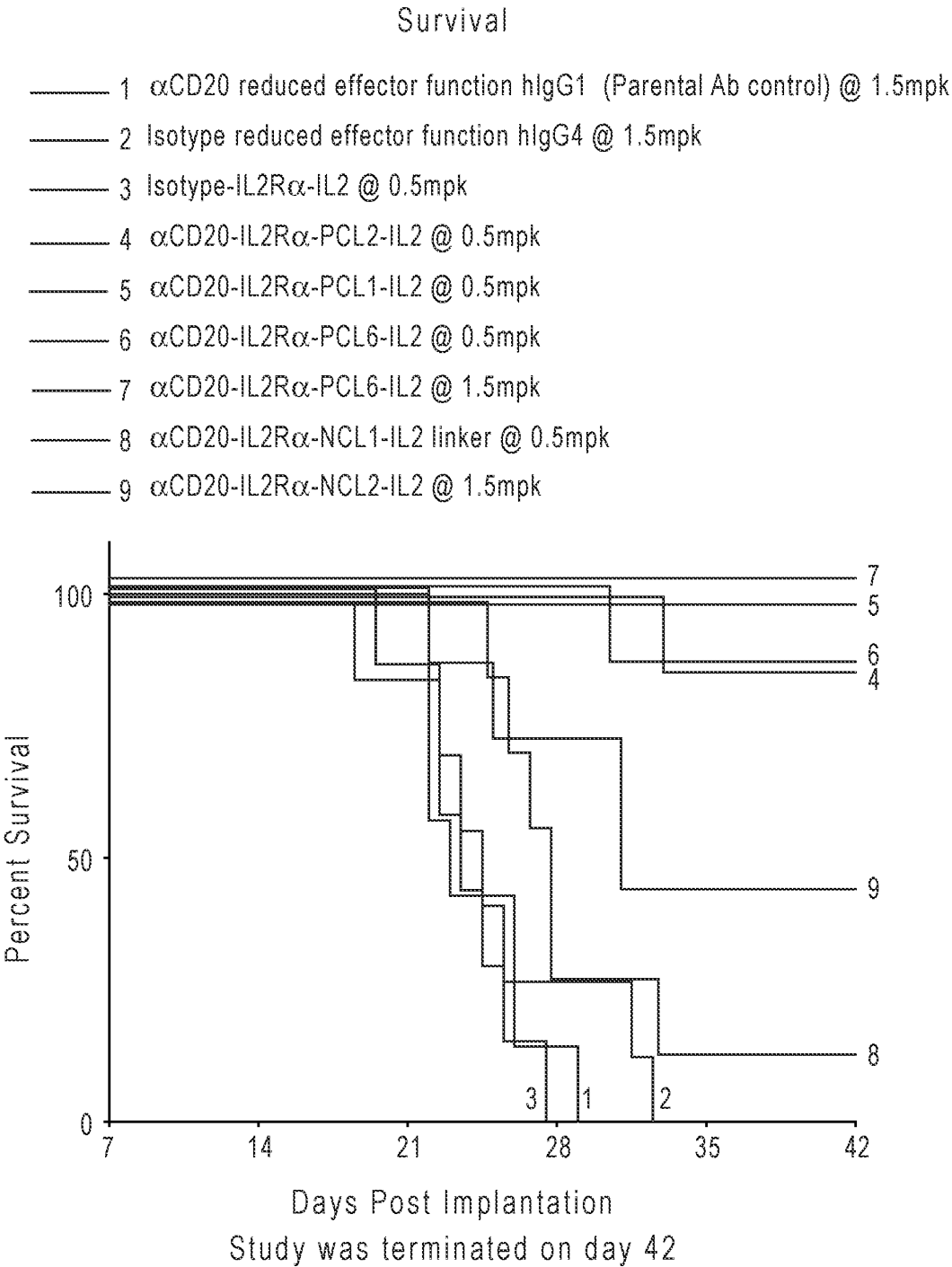


FIG. 5C

9/22

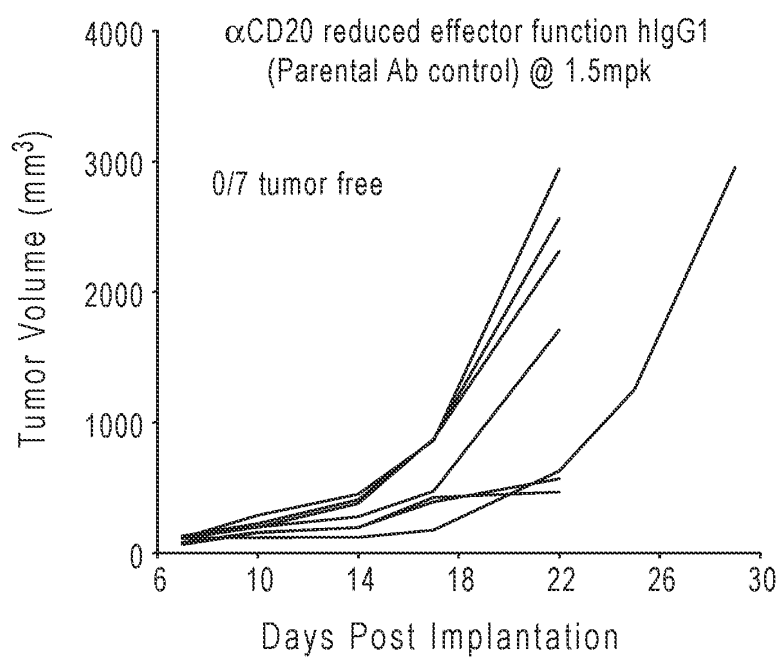


FIG. 5D

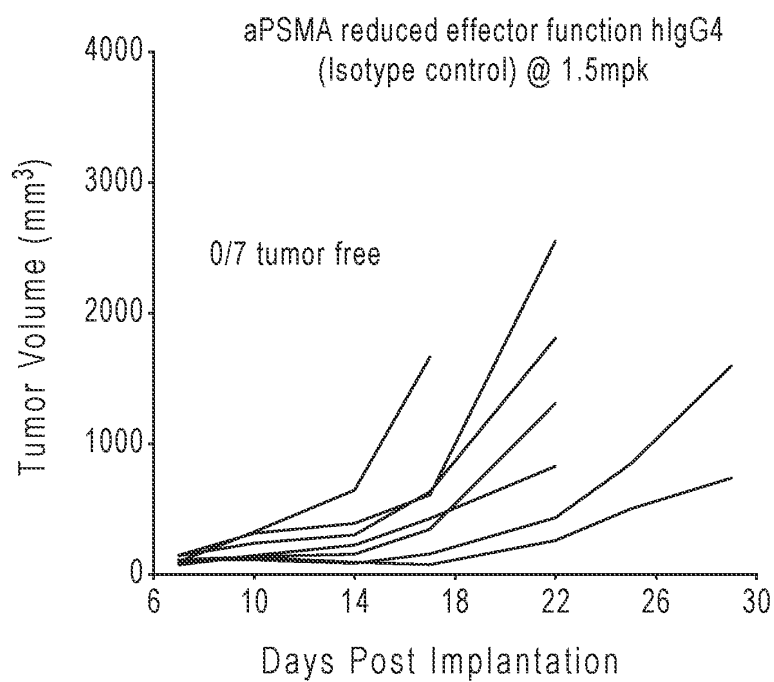


FIG. 5E

10/22

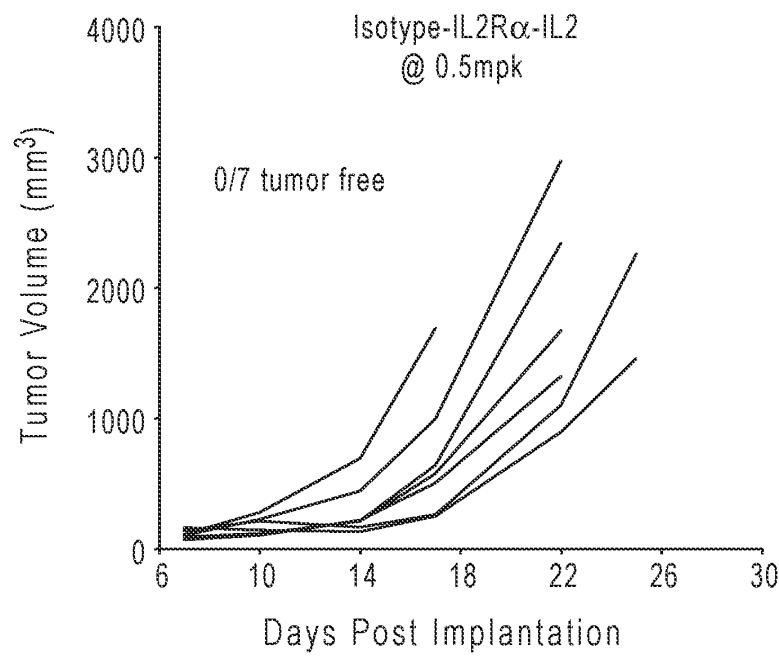


FIG. 5F

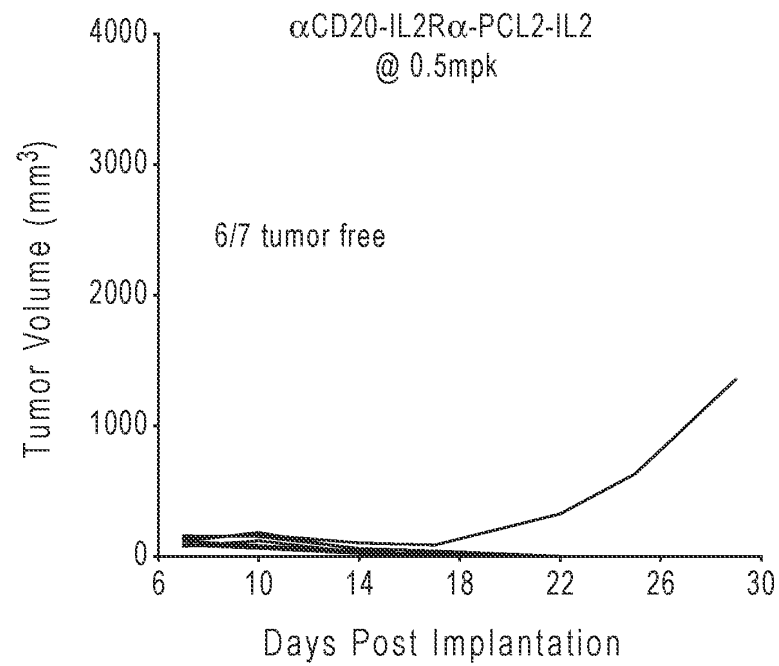


FIG. 5G

11/22

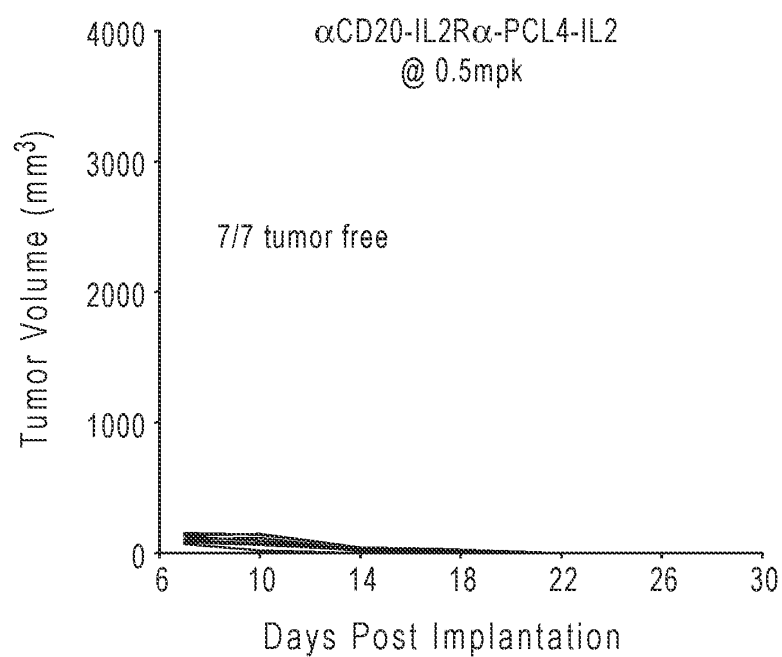


FIG. 5H

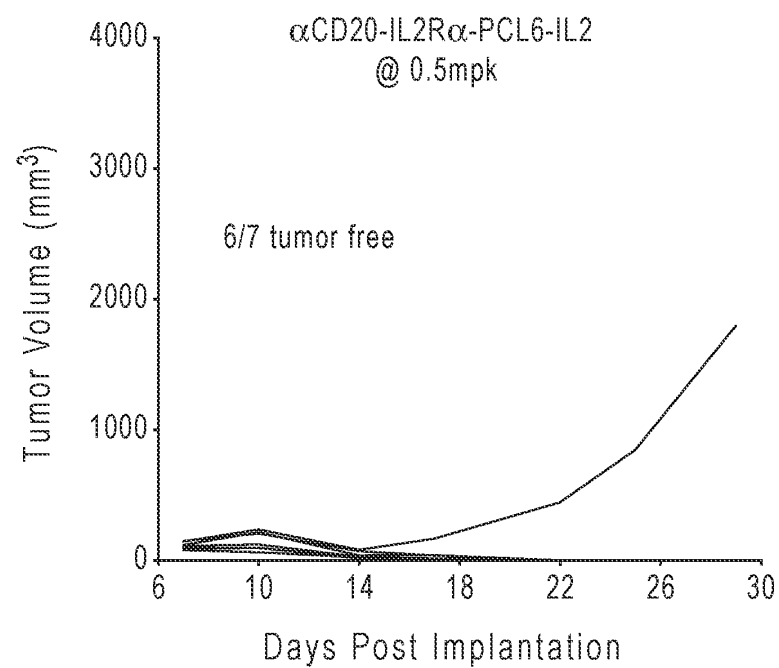


FIG. 5I

12/22

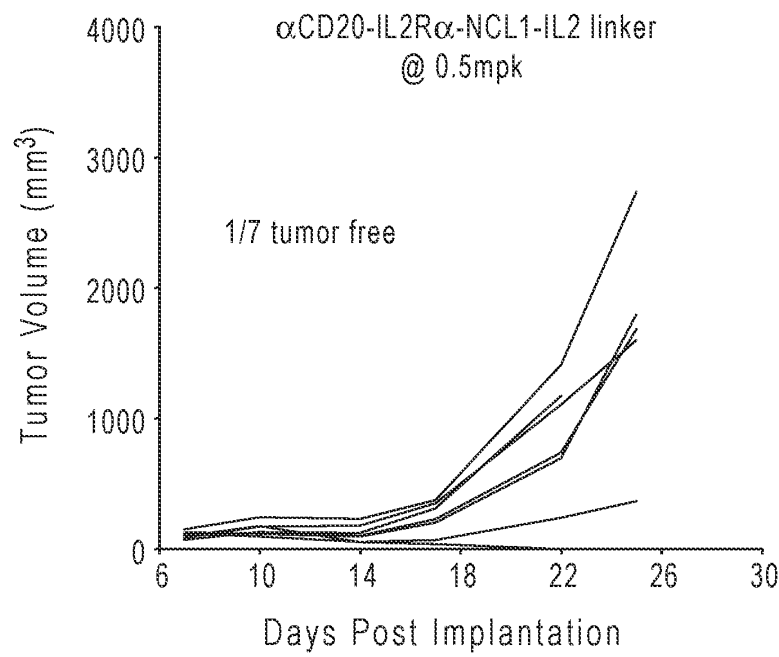


FIG. 5J

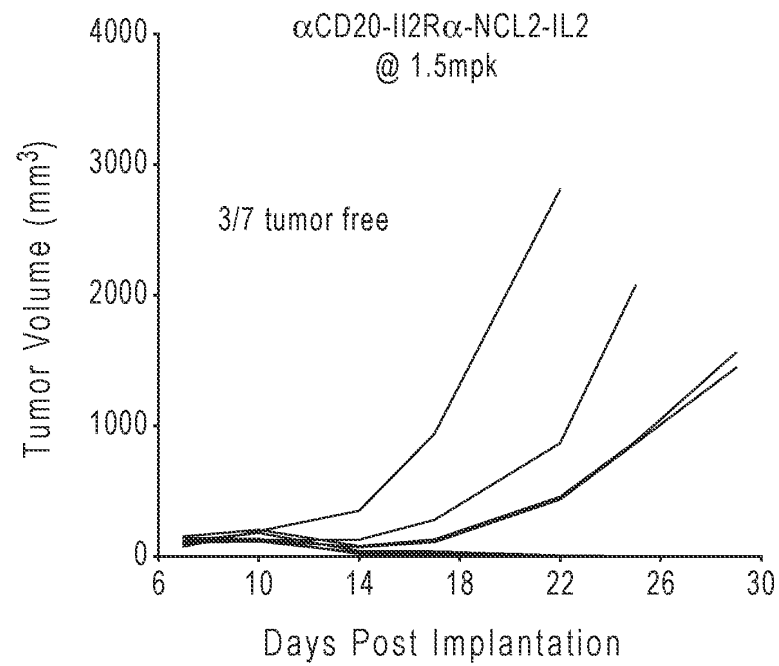


FIG. 5K

13/22

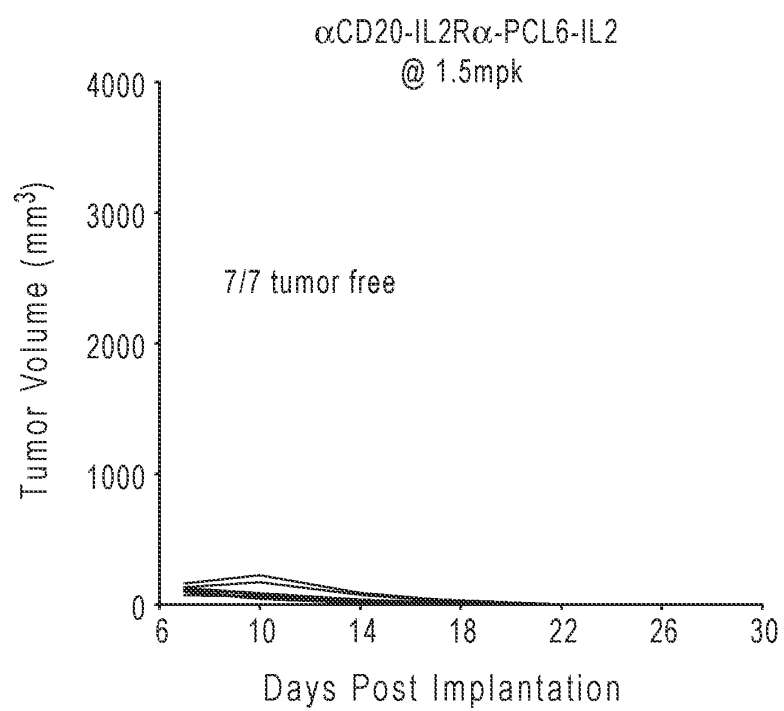


FIG. 5L

14 / 22

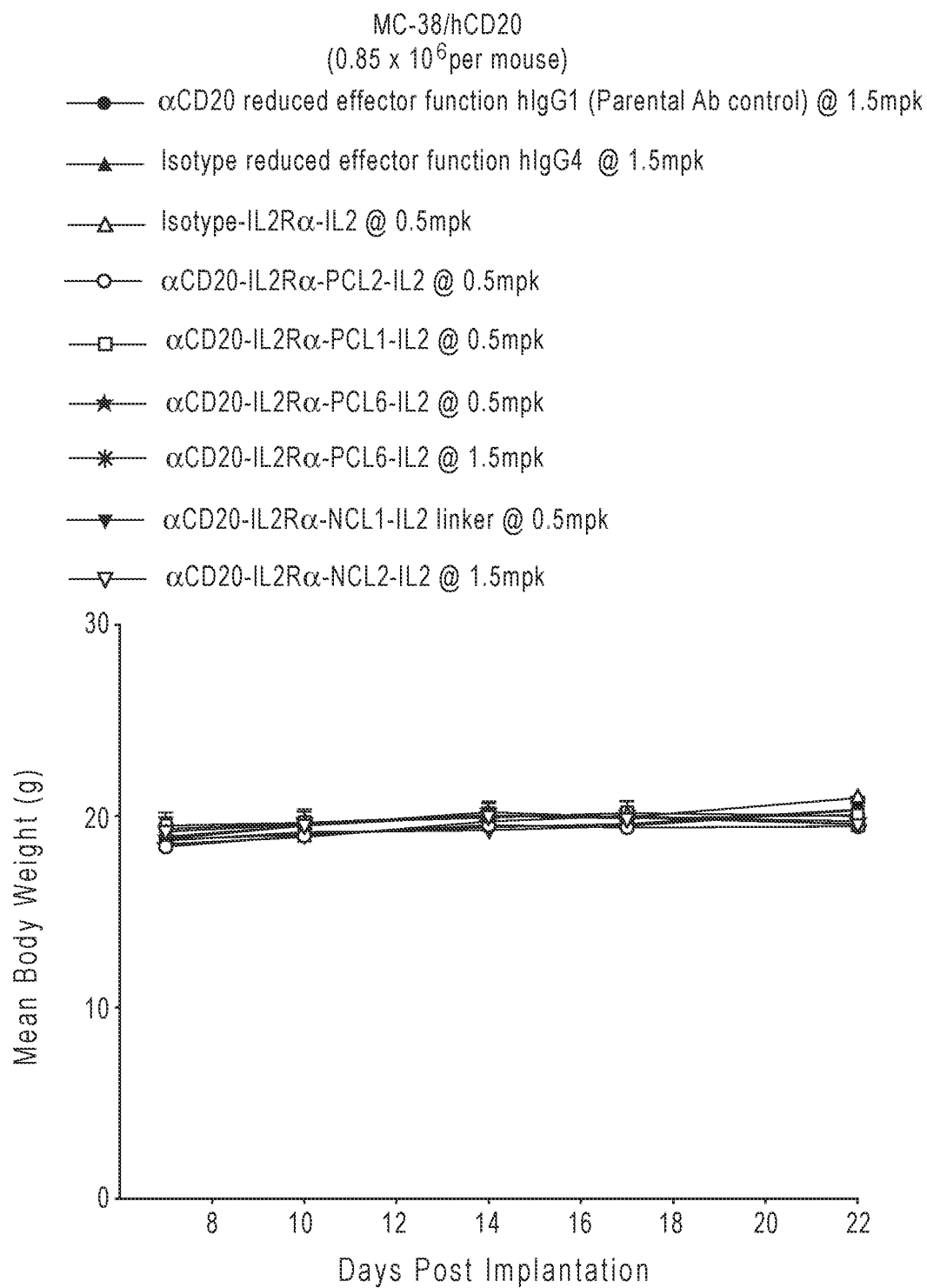


FIG. 5M

15 / 22

MC-38/hCD20
(0.85×10^6 per mouse)

- α CD20 reduced effector function hlgG1 (Parental Ab control) @ 1.5mpk
- ▲ Isotype reduced effector function hlgG4 @ 1.5mpk
- △ Isotype-IL2R α -IL2 @ 0.5mpk
- α CD20-IL2R α -PCL2-IL2 @ 0.5mpk
- α CD20-IL2R α -PCL1-IL2 @ 0.5mpk
- ★ α CD20-IL2R α -PCL6-IL2 @ 0.5mpk
- * α CD20-IL2R α -PCL6-IL2 @ 1.5mpk
- ▼ α CD20-IL2R α -NCL1-IL2 linker @ 0.5mpk
- ▽ α CD20-IL2R α -NCL2-IL2 @ 1.5mpk

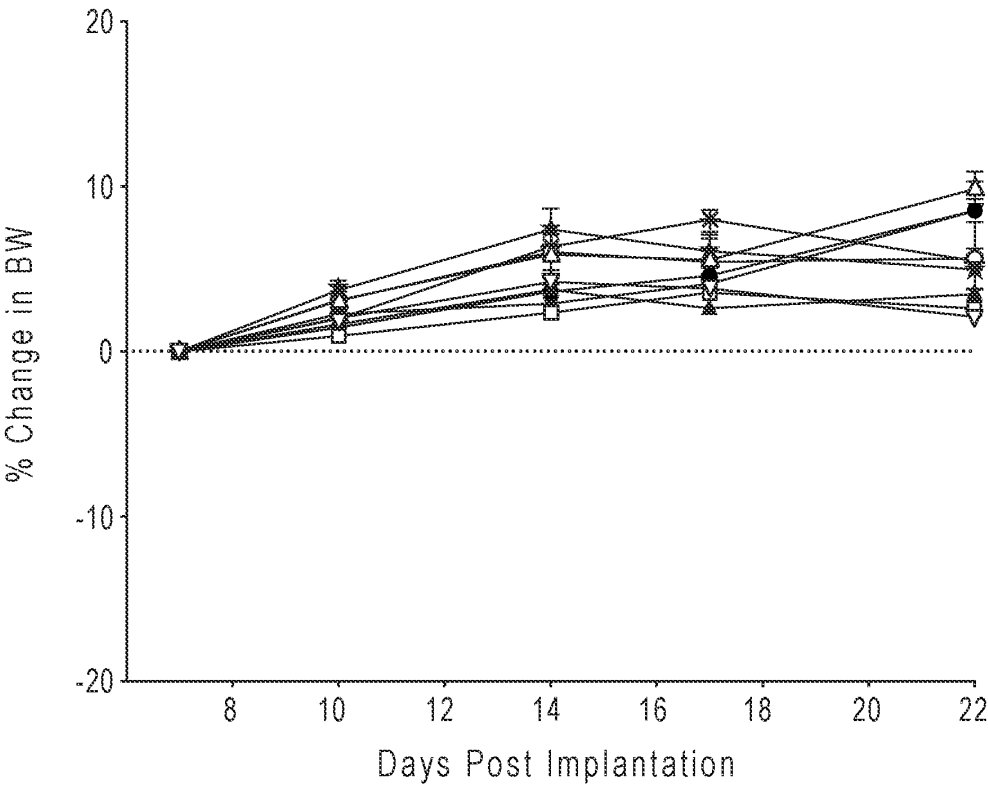
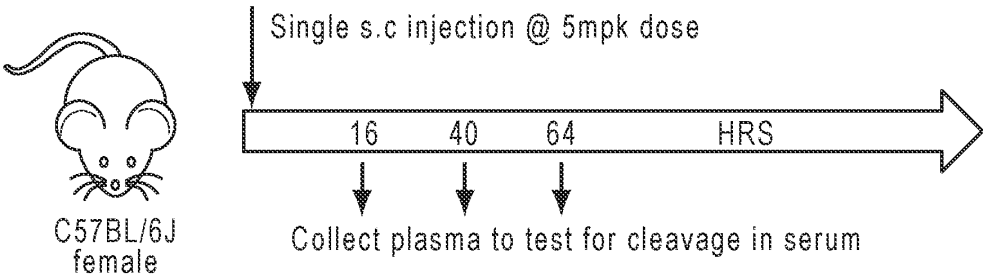


FIG. 5N



Lane	Treatment Detail
M	See Blue Plus 2 MW ladder
1	Undigested Control
2	Digested Control
3, 4	α CD20-IL2R α -PCL2-IL2 @ 5mpk
5, 6	α CD20-IL2R α -PCL4-IL2 @ 5mpk
7, 8	α CD20-IL2R α -PCL5-IL2 @ 5mpk
9, 10	α CD20-IL2R α -NCL1-IL2 linker @ 5mpk
11, 12	α CD20-IL2R α -NCL2-IL2 linker @ 5mpk

FIG. 6A

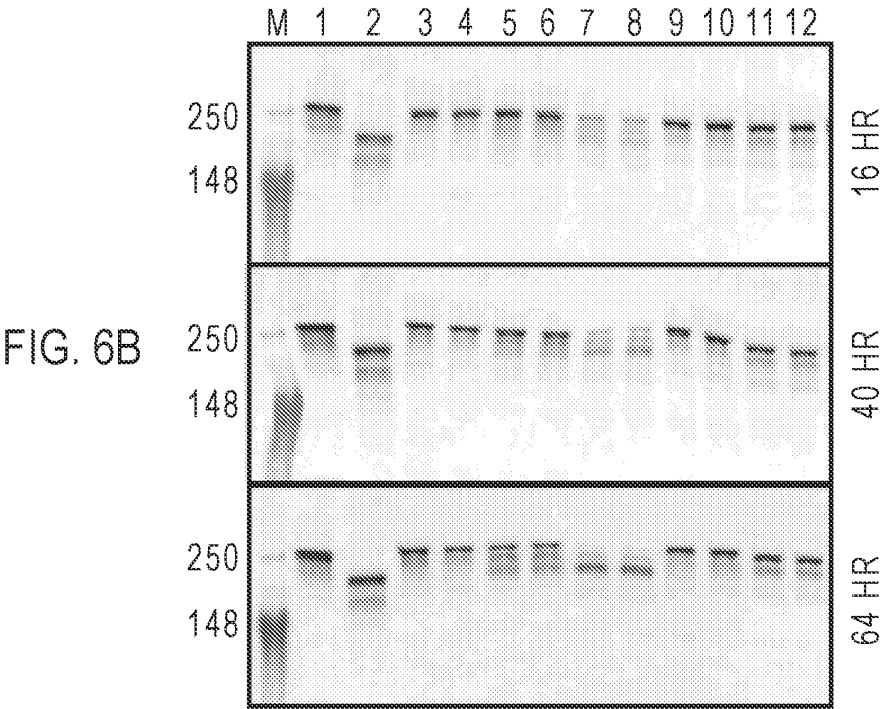
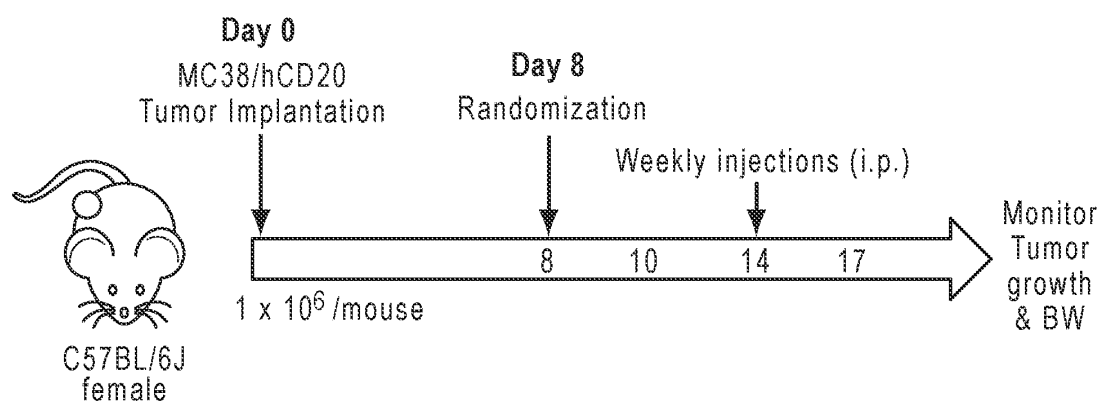


FIG. 6B

17/22



Group #	Description
1	H4sH11810P2 (1.5mpk)
2	Isotype-IL2R α -IL2 (0.5mpk)
4	α CD20_PCL4_IL2 (0.5mpk)
5	α CD20_PCL6_IL2 (0.5mpk)
6	α PSMA_PCL4_IL2 (0.5mpk)
7	α PSMA_PCL6_IL2 (0.5mpk)
8	α CD20_NCL2_IL2 (0.5mpk)

FIG. 7

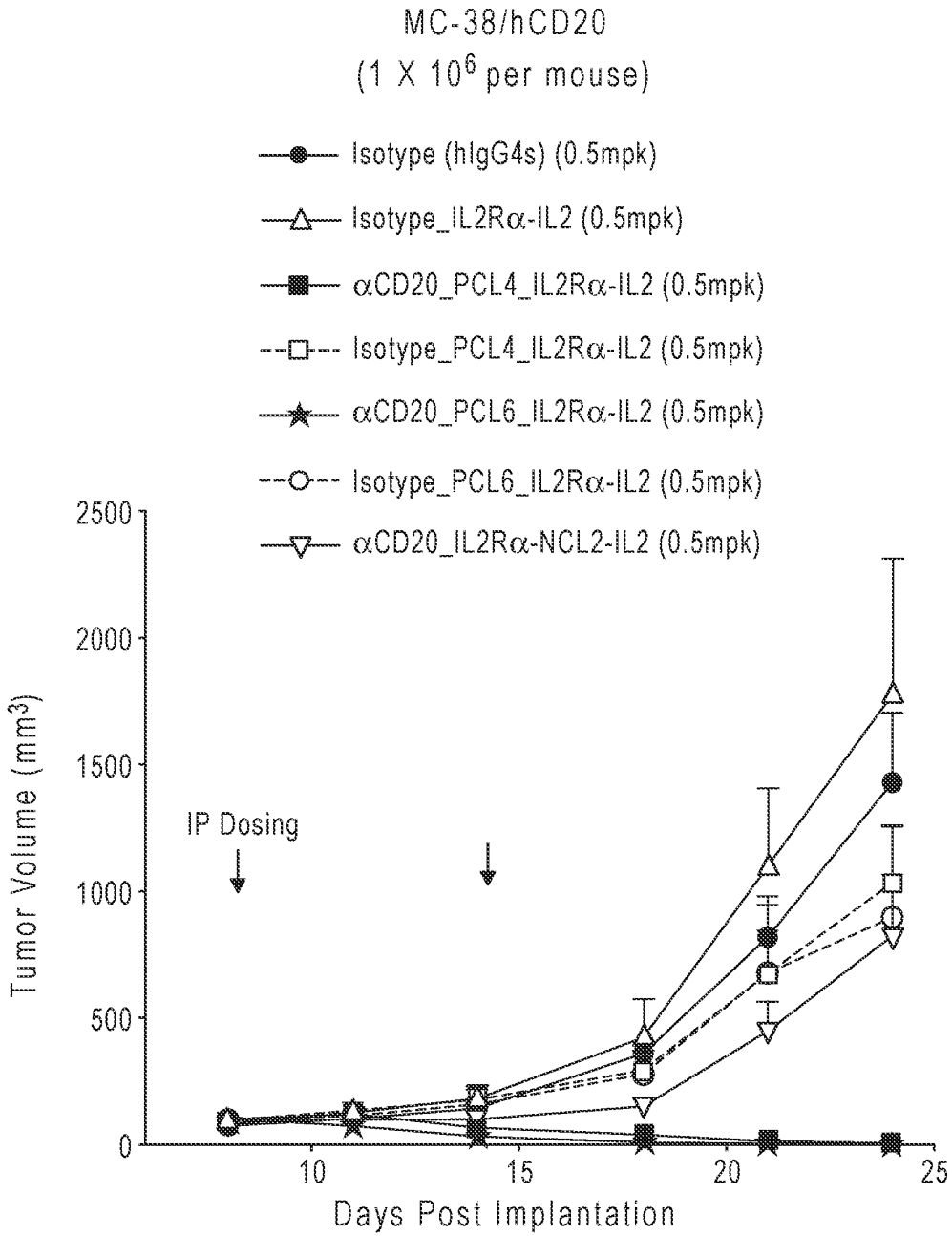


FIG. 8

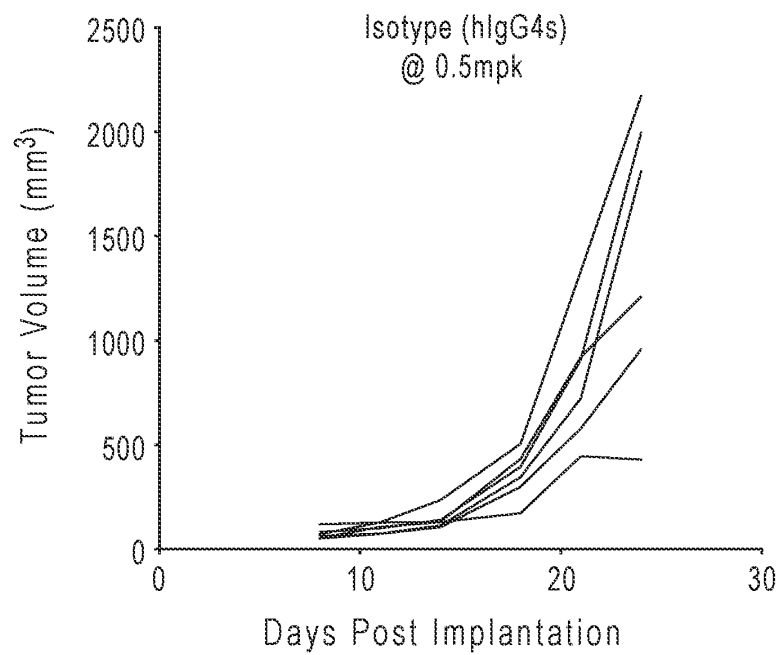


FIG. 9A

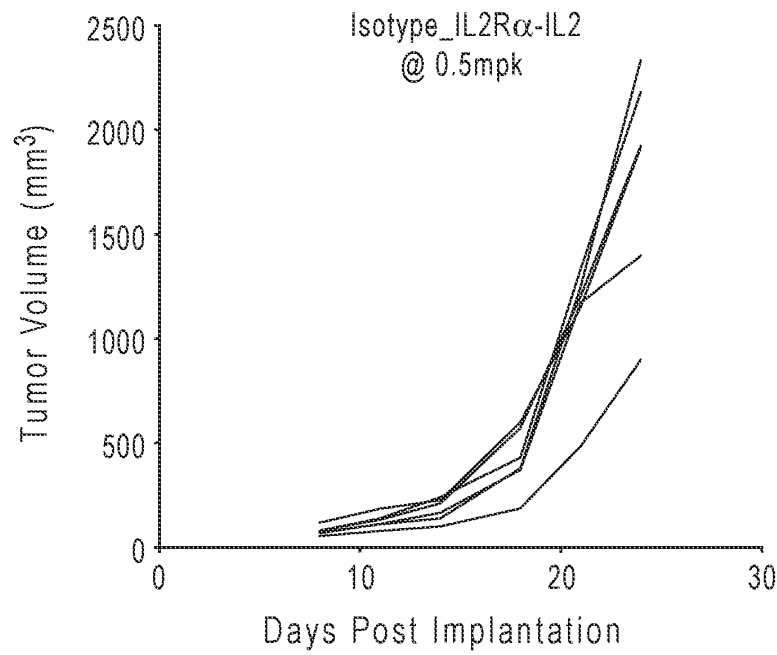


FIG. 9B

20 / 22

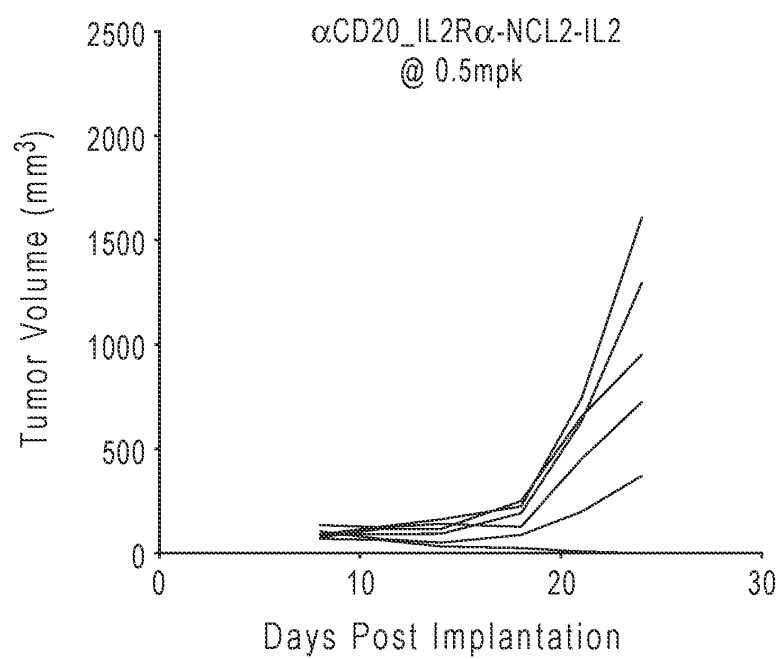


FIG. 9C

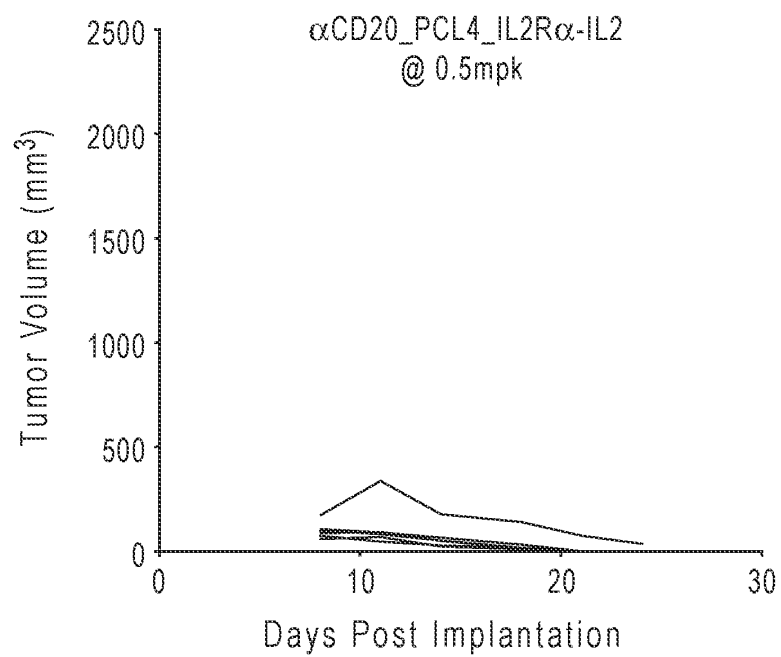


FIG. 9D

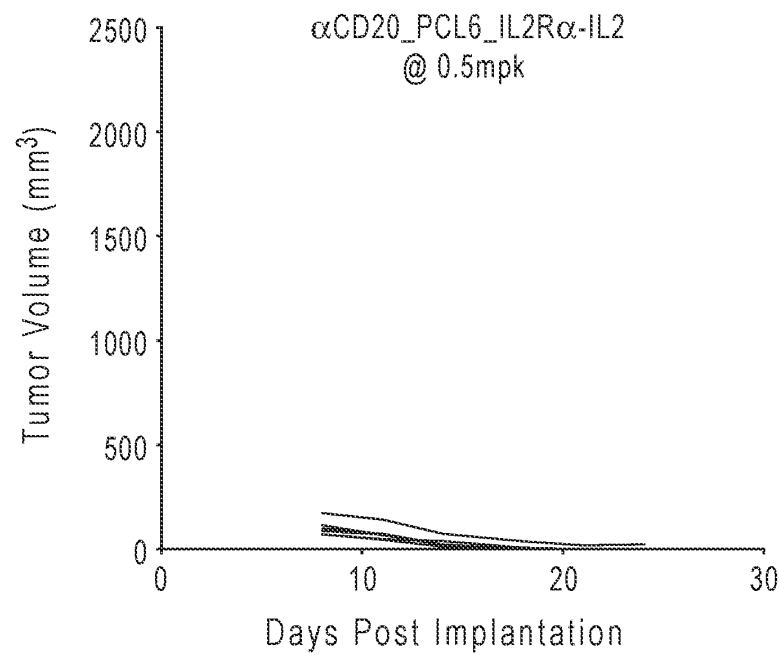


FIG. 9E

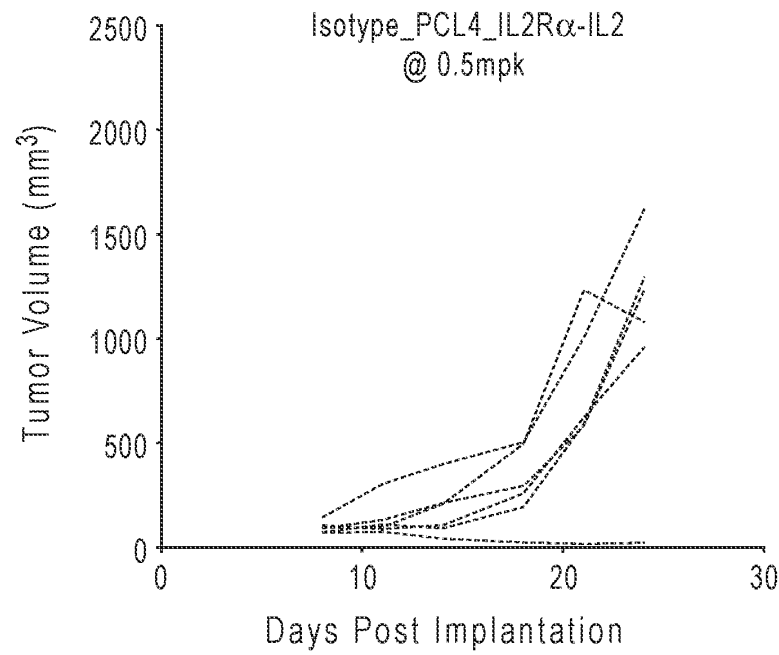


FIG. 9F

22 / 22

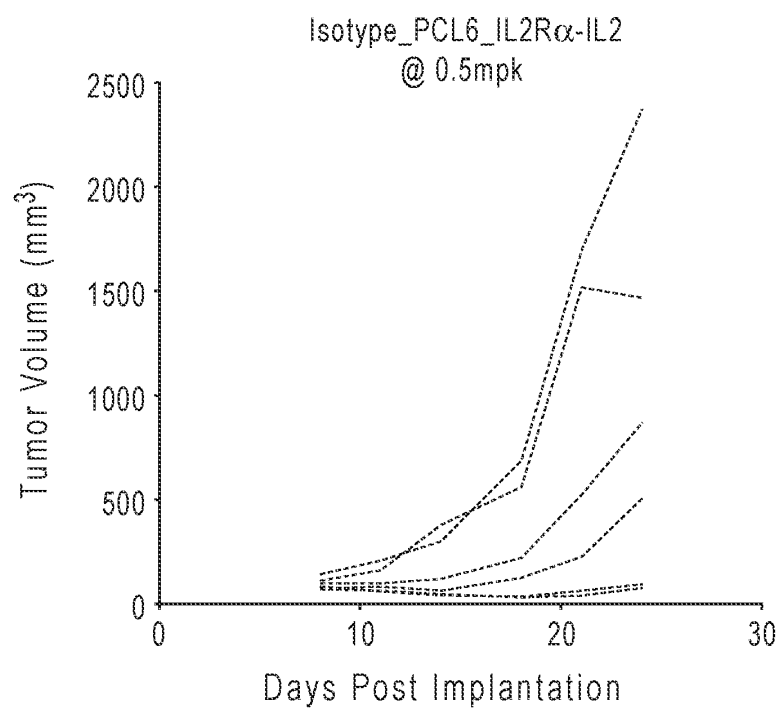


FIG. 9G