

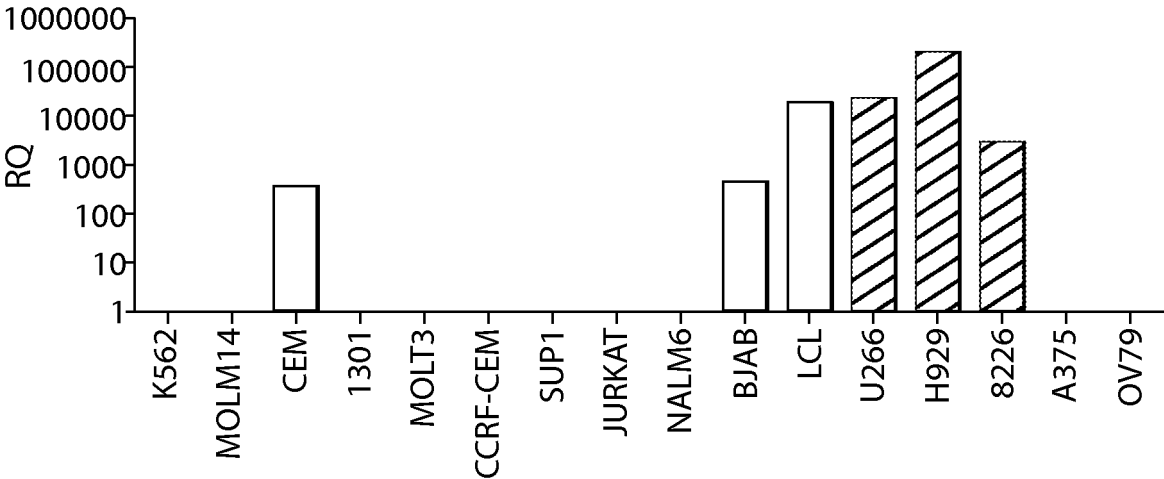


FIG. 1A

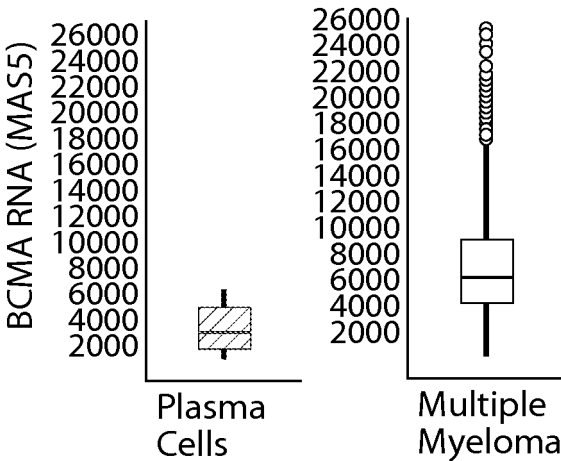


FIG. 1B

2/62

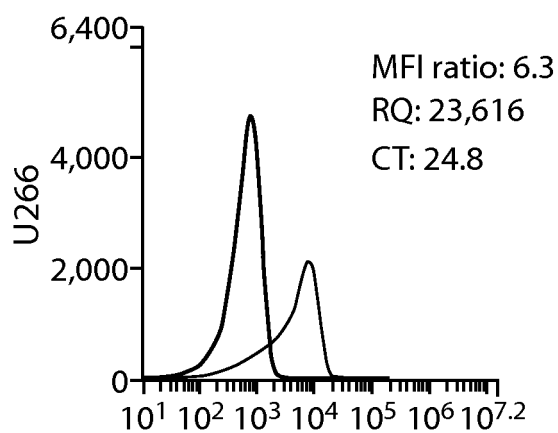


FIG. 2A

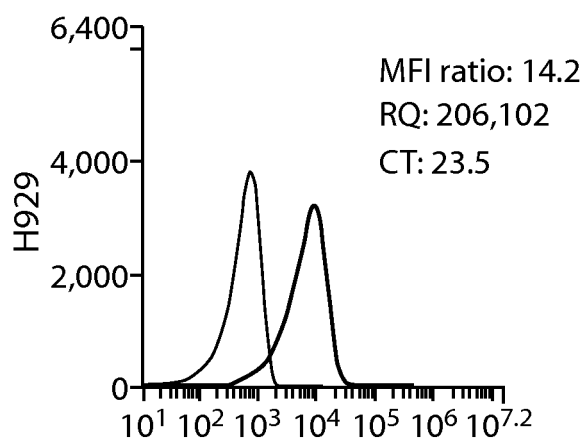


FIG. 2B

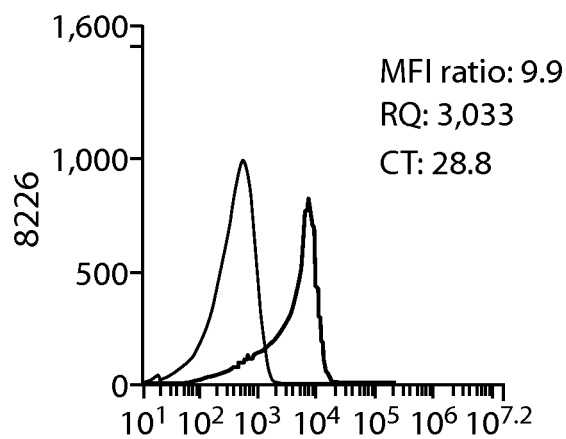


FIG. 2C

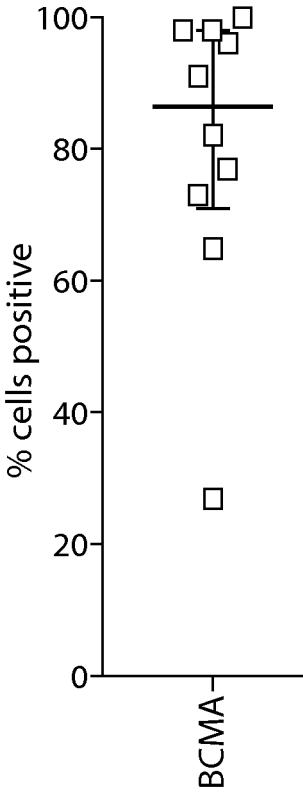


FIG. 2D

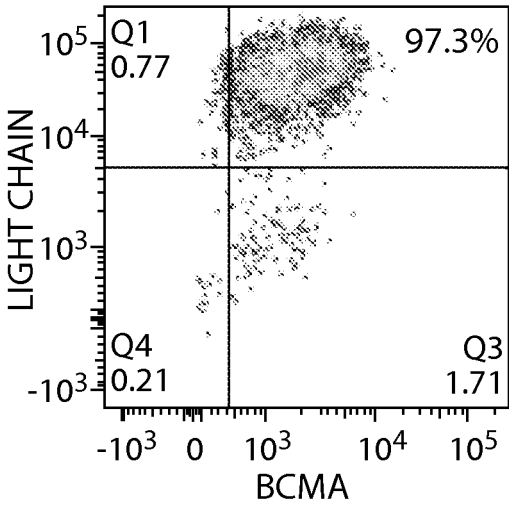


FIG. 2E

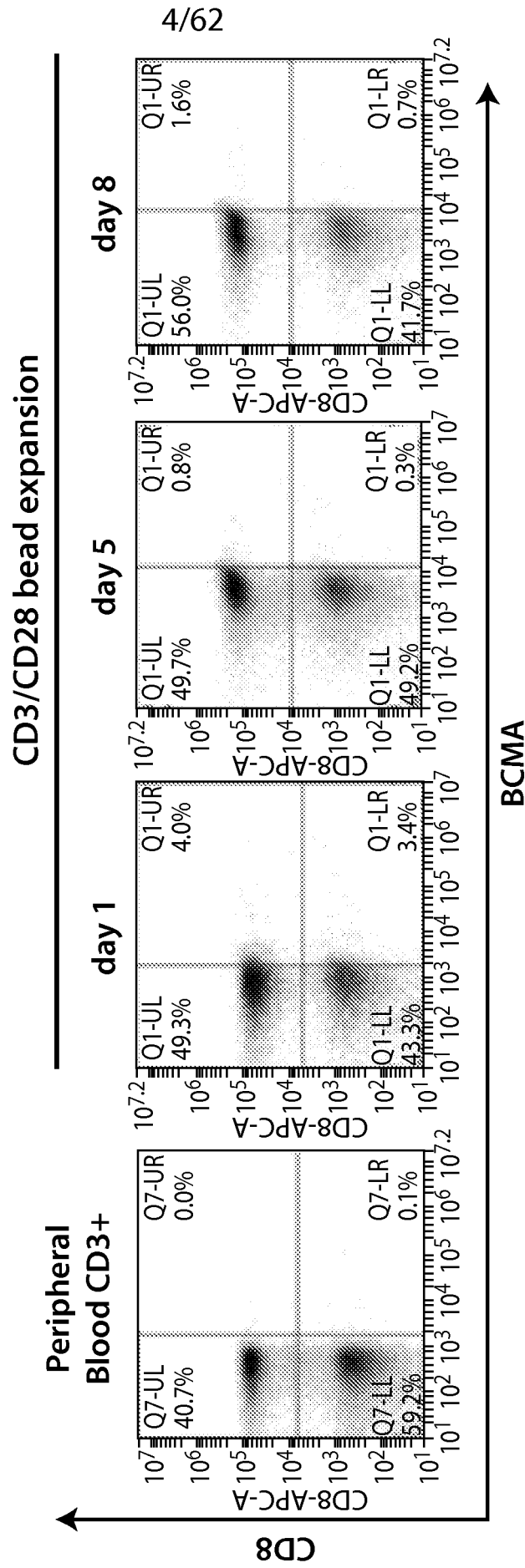


FIG. 3A

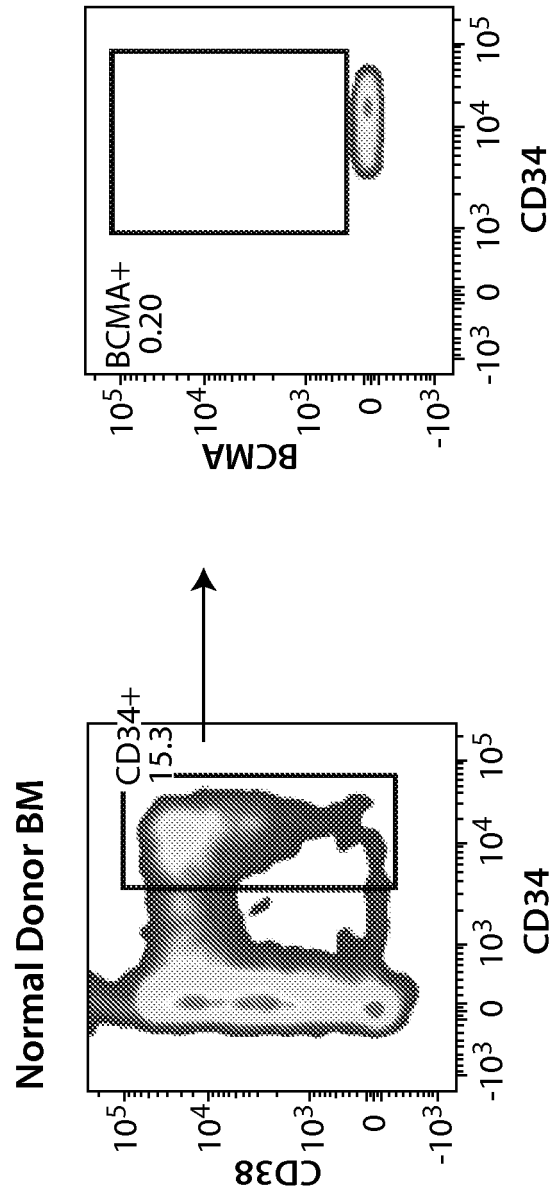


FIG. 3B

6/62

Lymph node

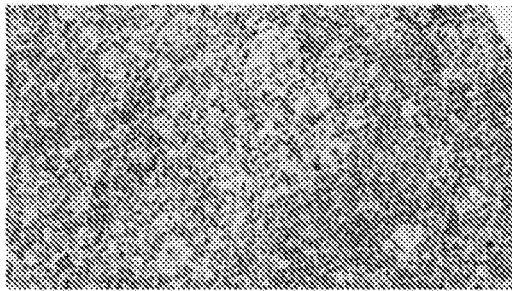


FIG. 4A

Tonsil

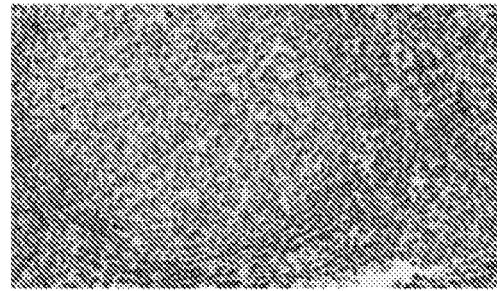


FIG. 4B

Lung

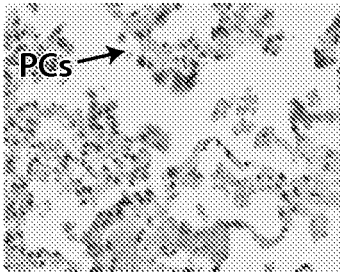


FIG. 4C

Pancreas

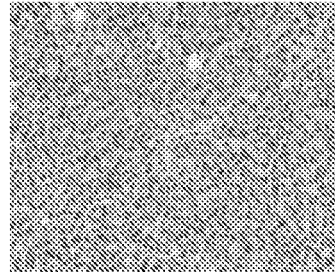


FIG. 4D

Thyroid

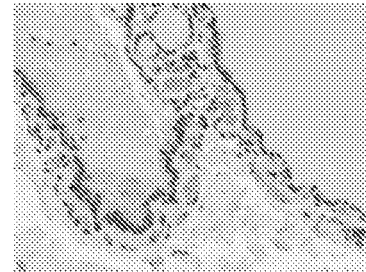


FIG. 4E

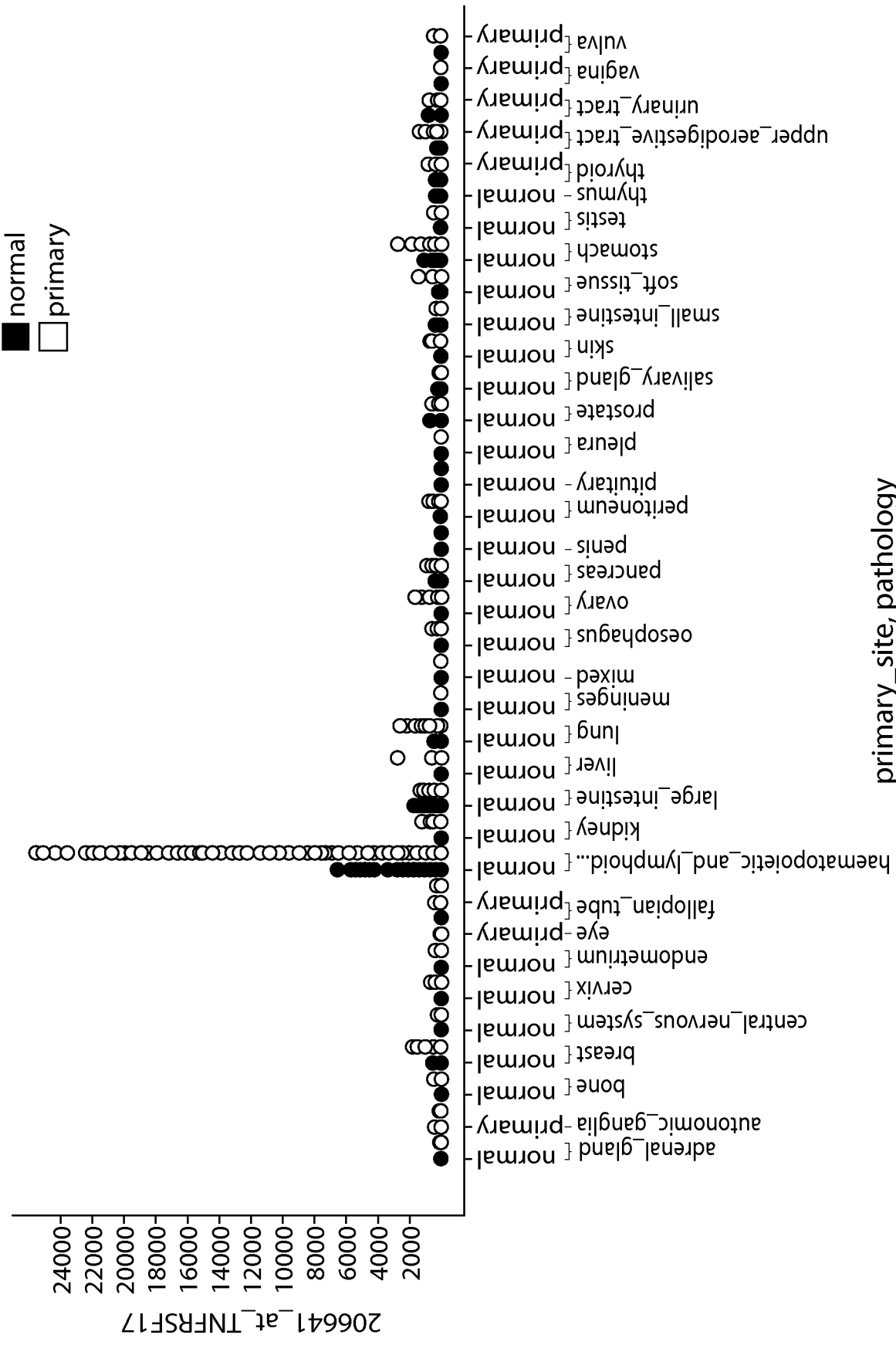


FIG. 4F

8/62

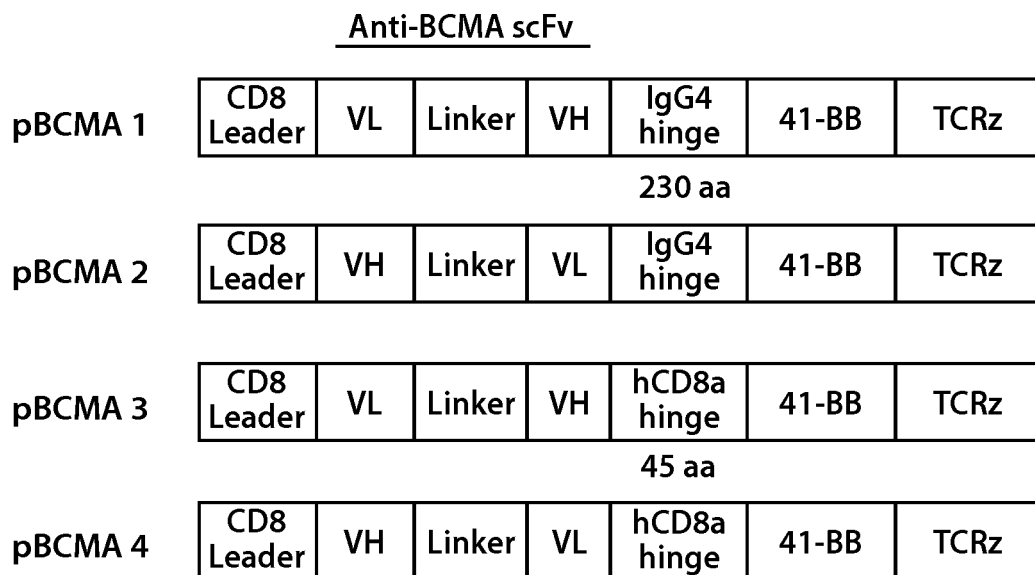


FIG. 5

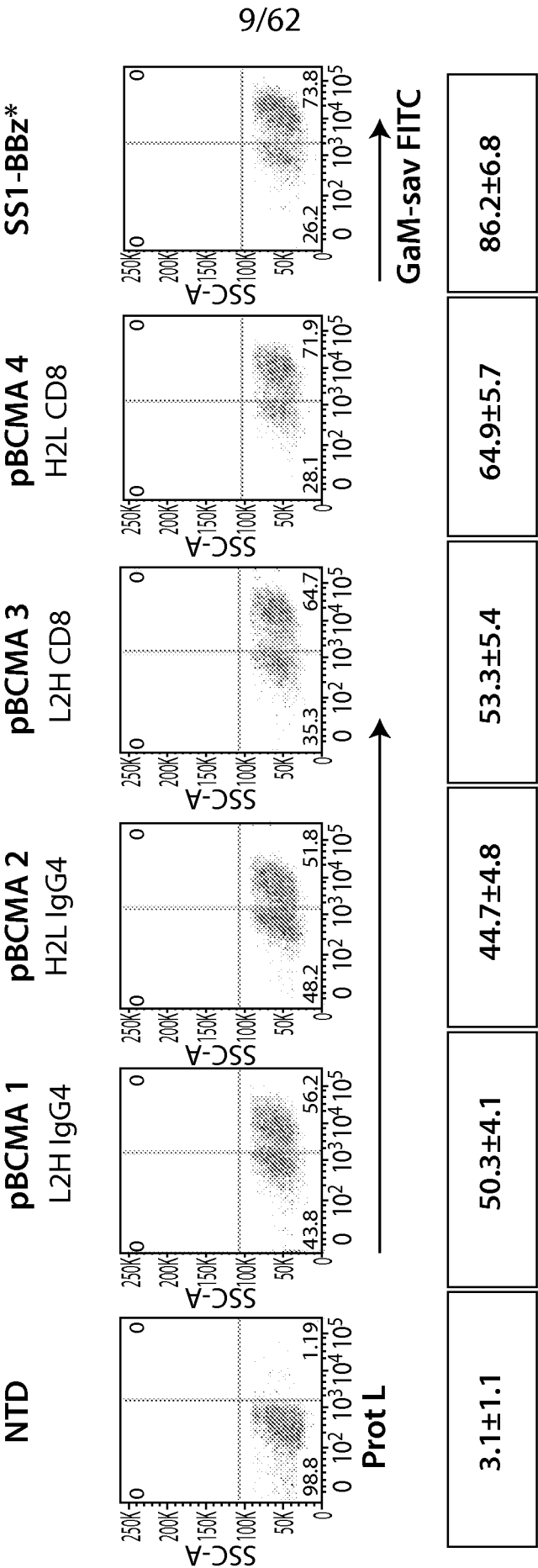
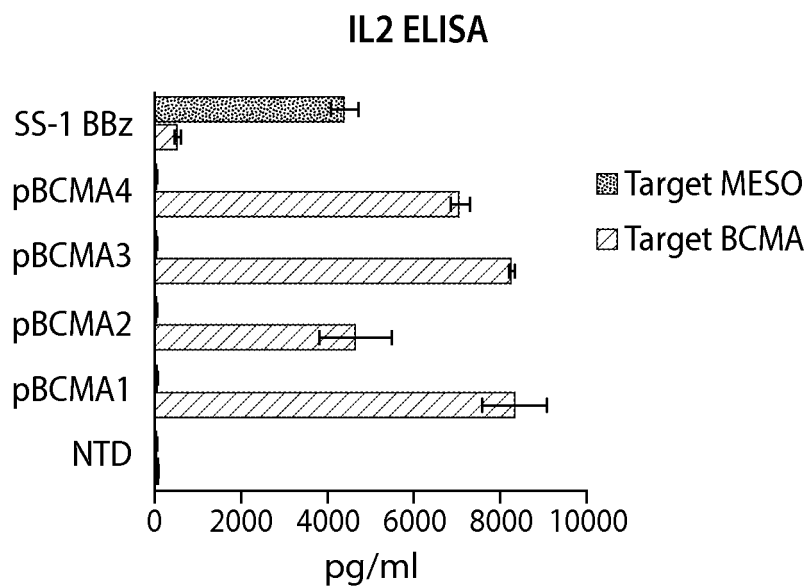
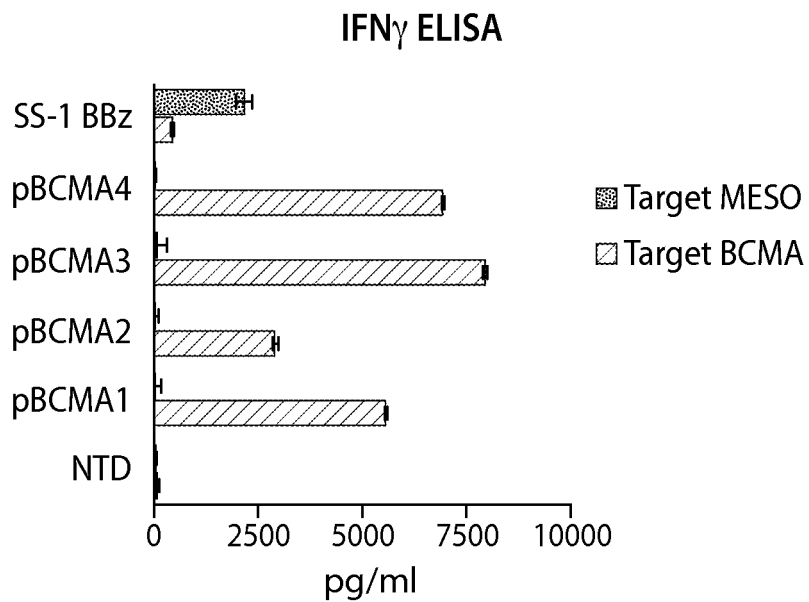


FIG. 6

10/62

**FIG. 7A****FIG. 7B**

11/62

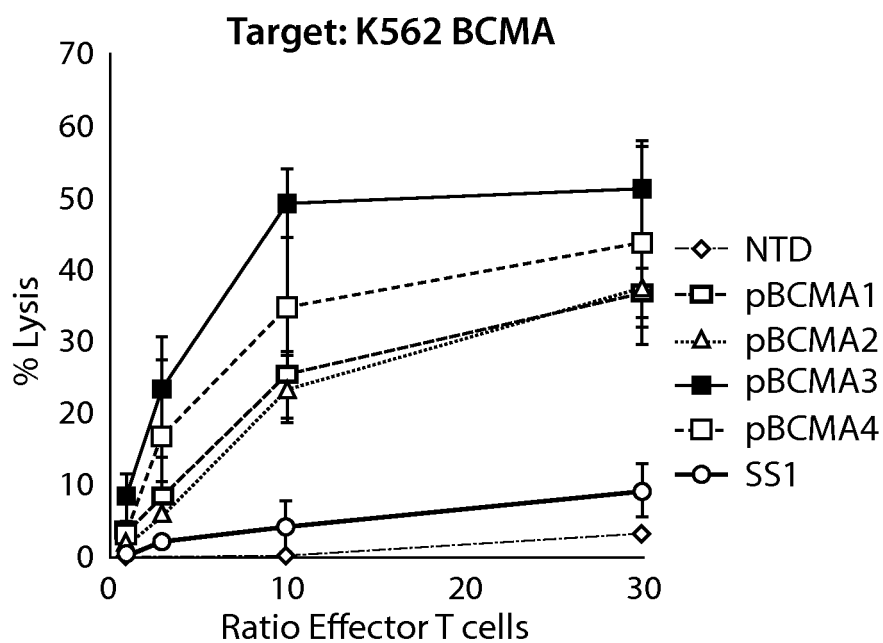


FIG. 8A

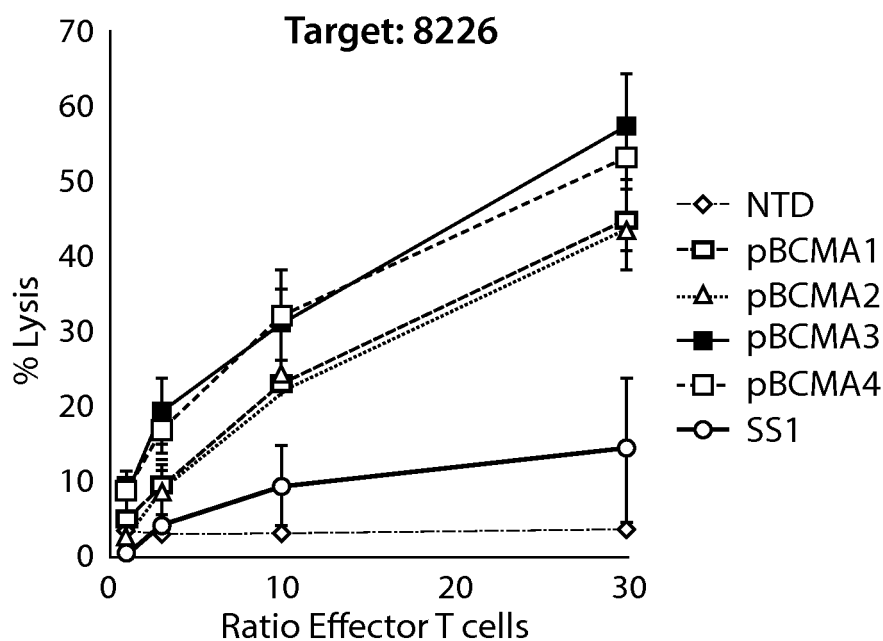


FIG. 8B

12/62

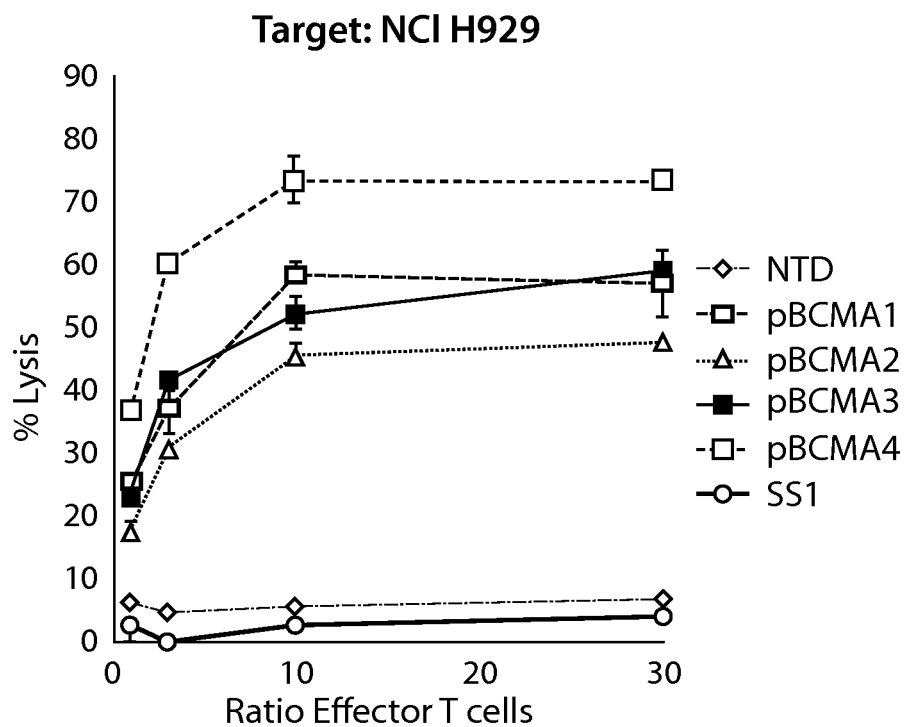


FIG. 8C

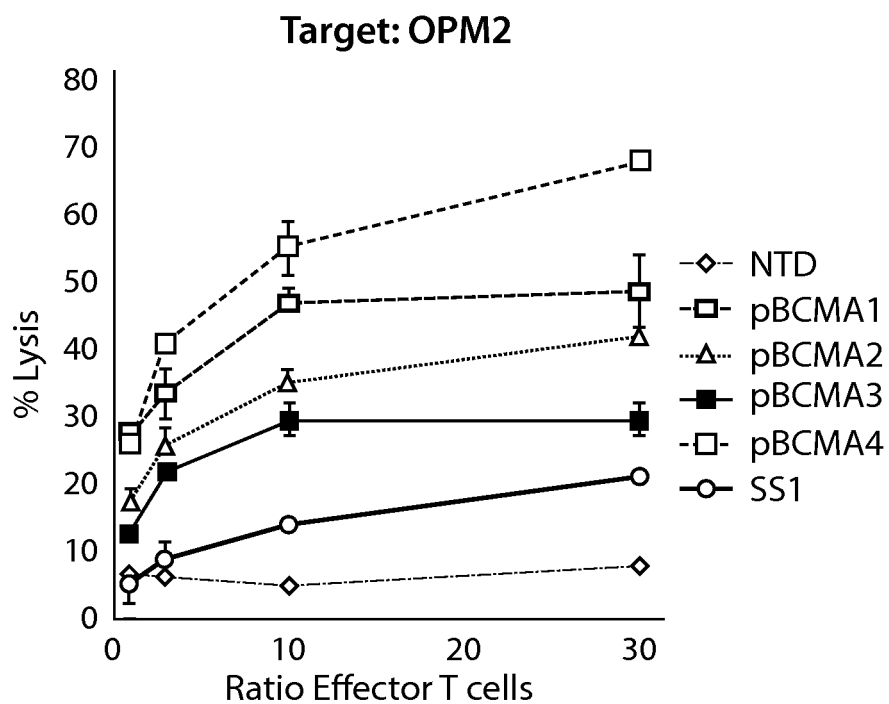


FIG. 8D

13/62

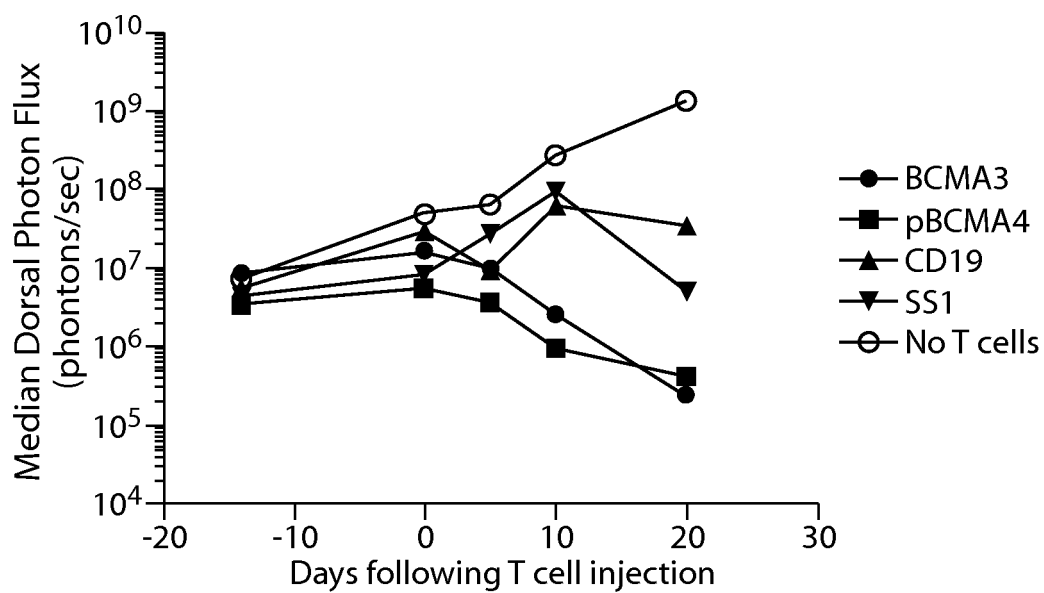


FIG. 9A

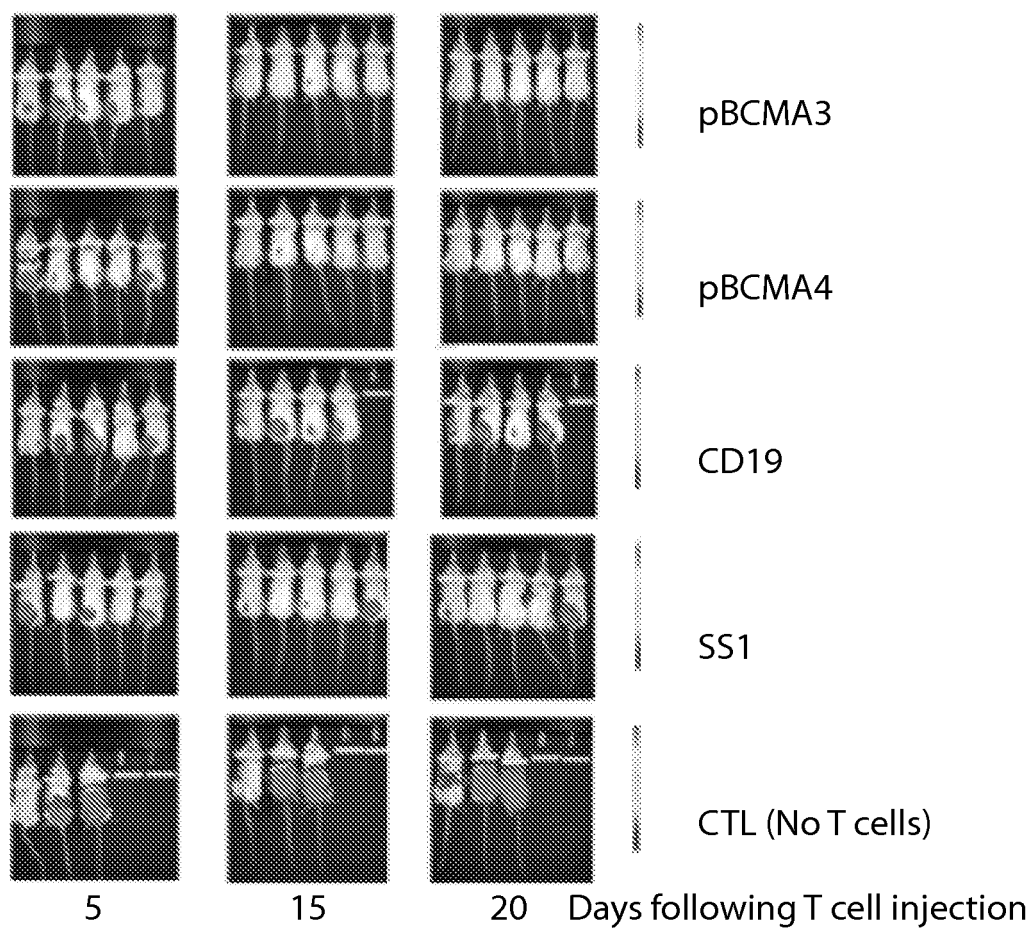


FIG. 9B

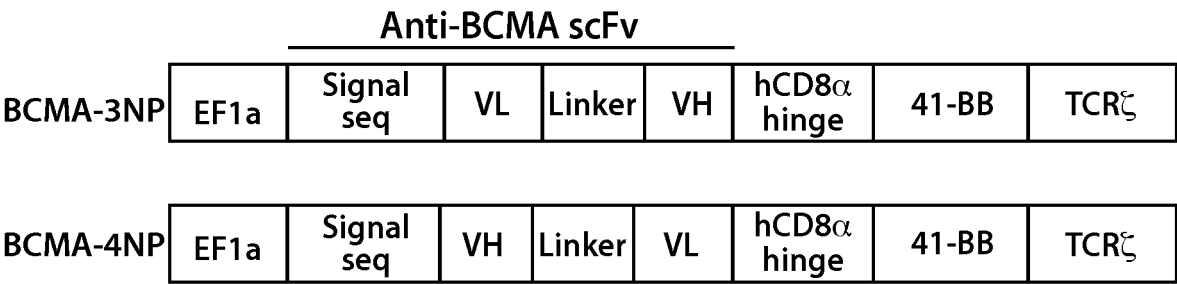


FIG. 10A

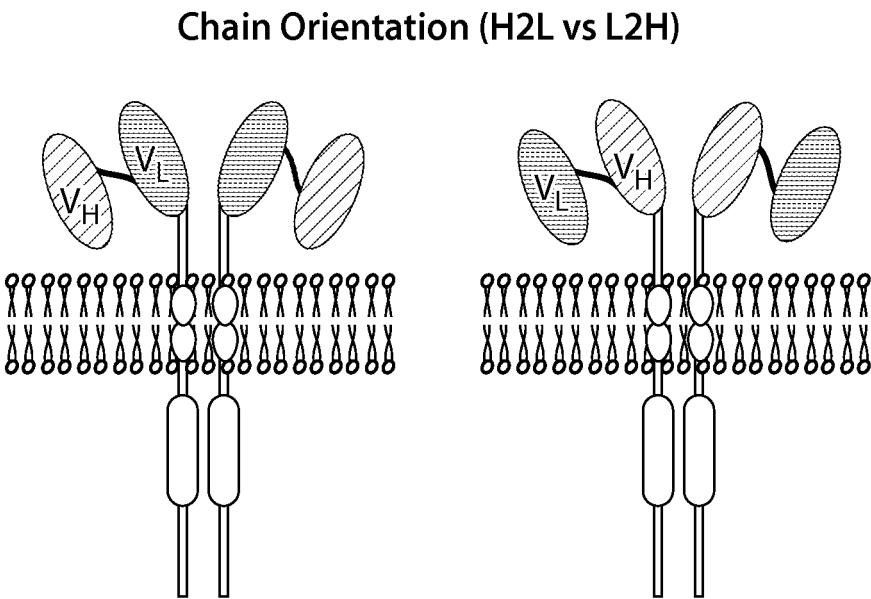


FIG. 10B

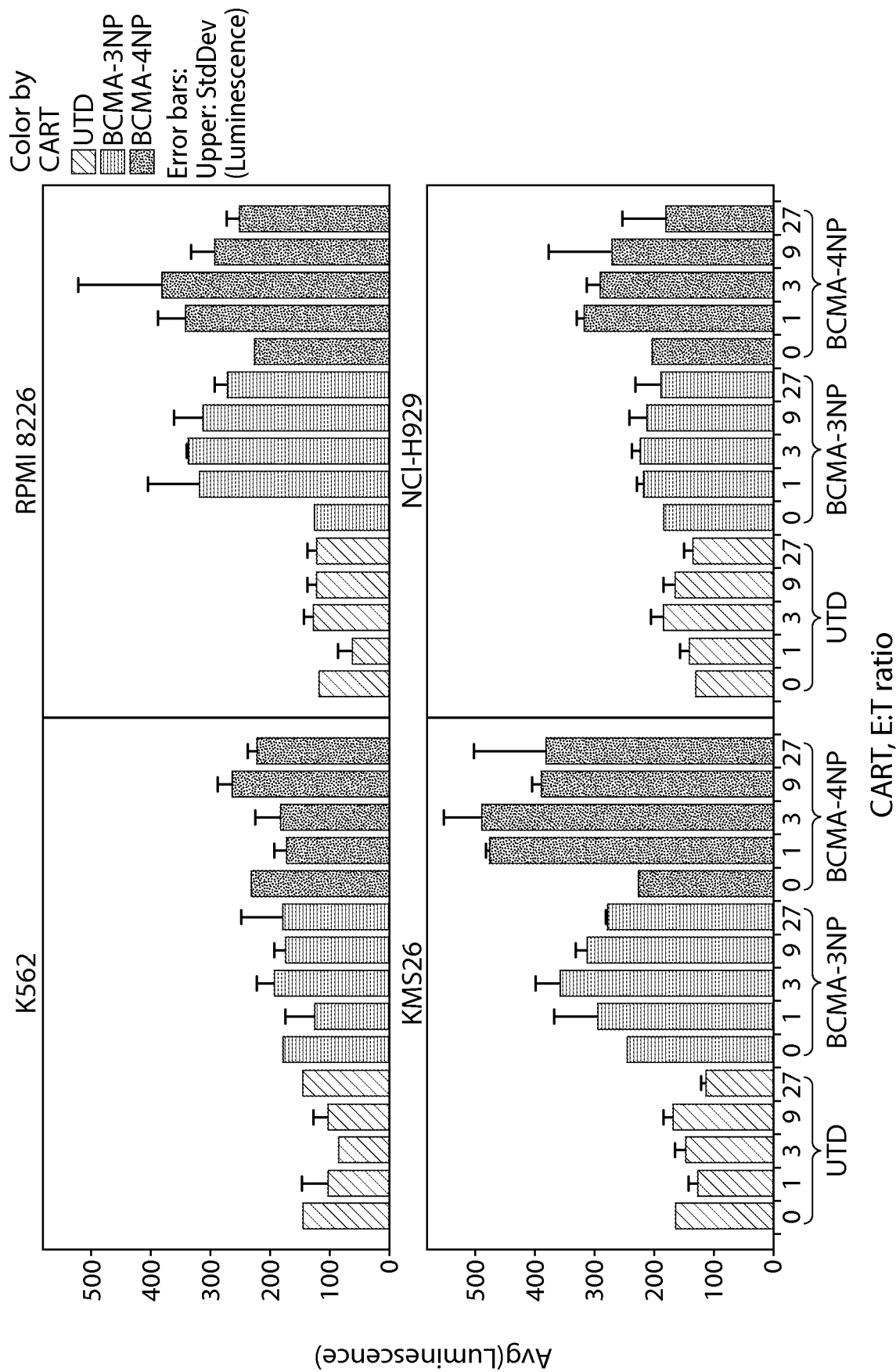


FIG. 11

16/62

Day 1: pre-transduction

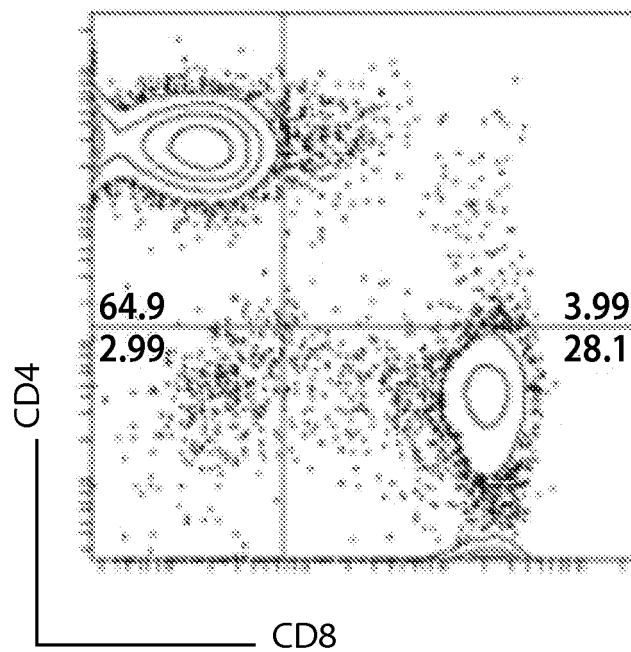


FIG. 12

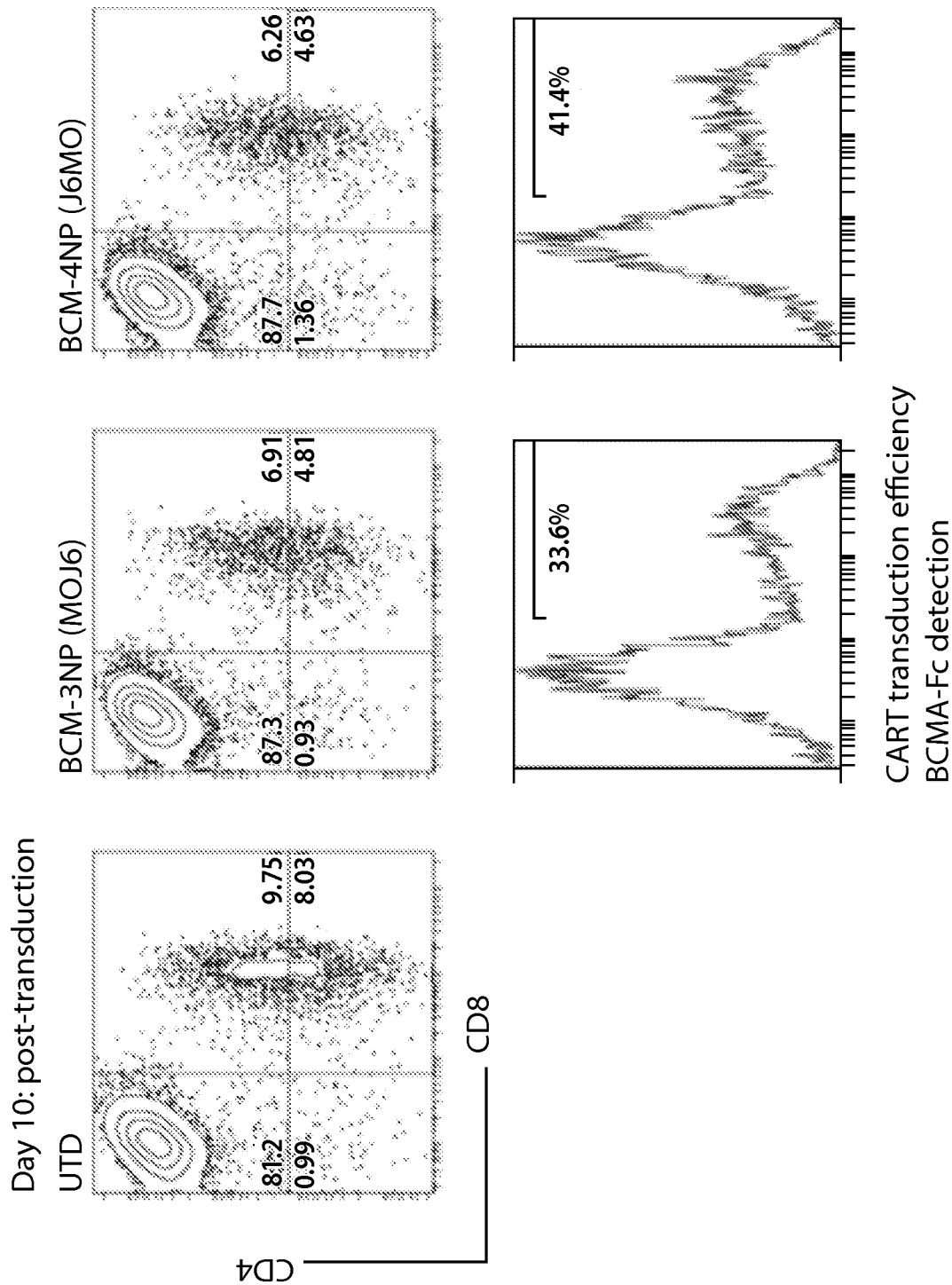


FIG. 13

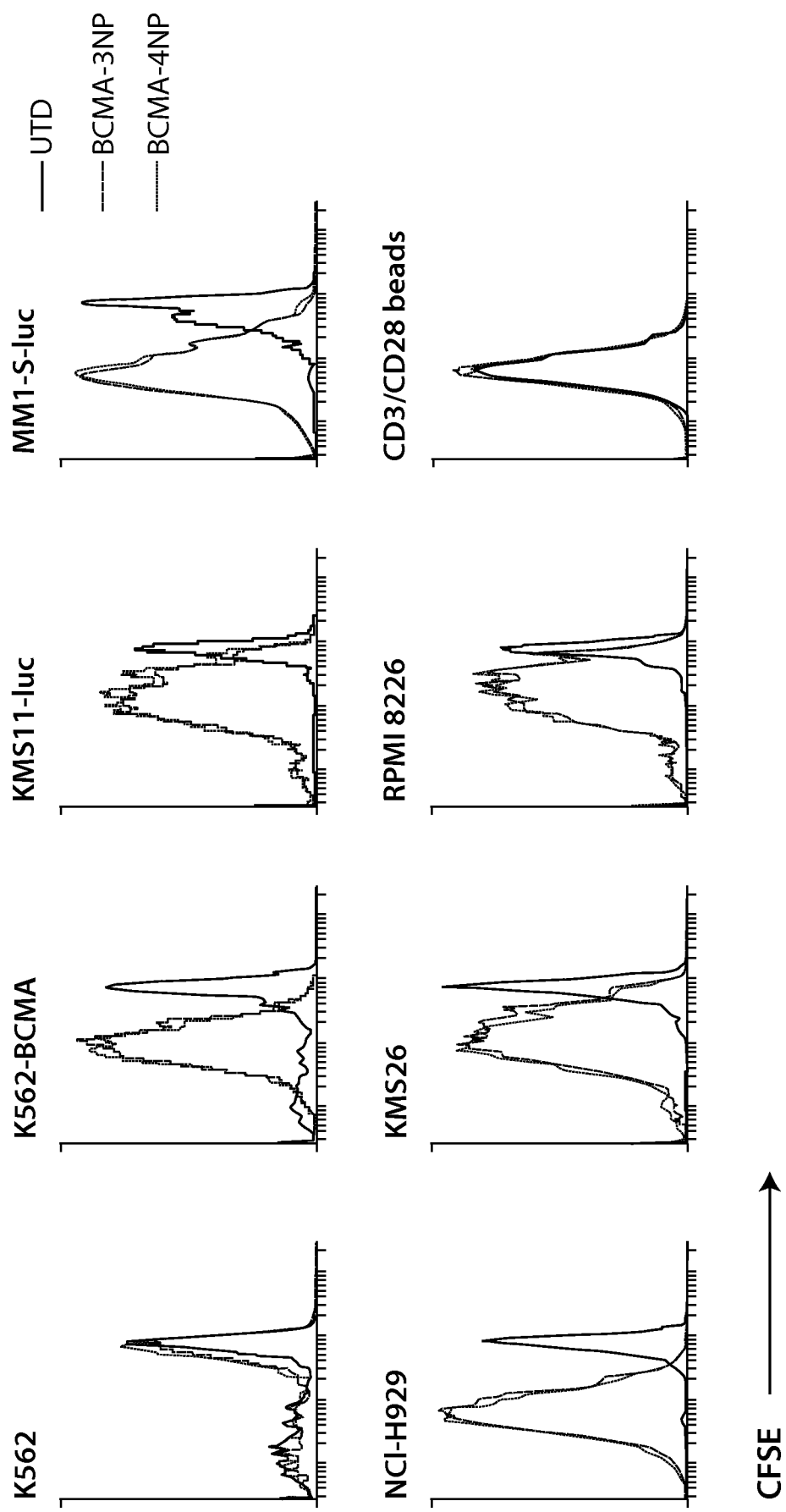


FIG. 14

19/62

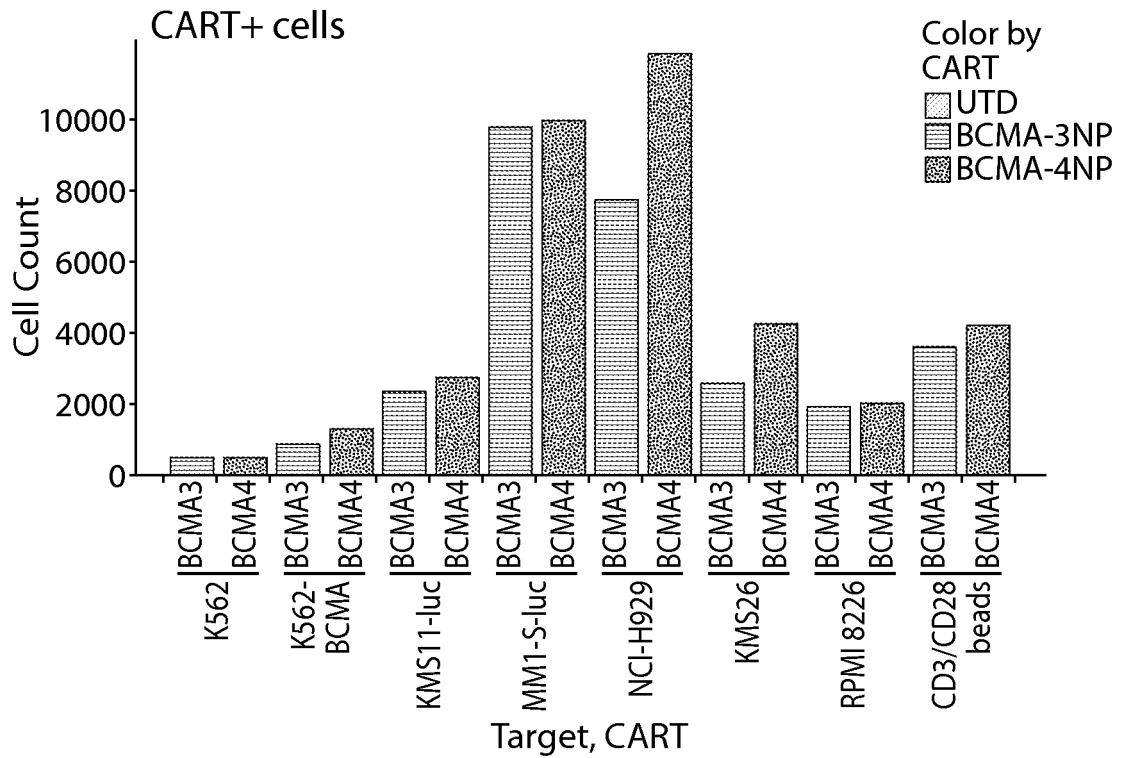


FIG. 15A

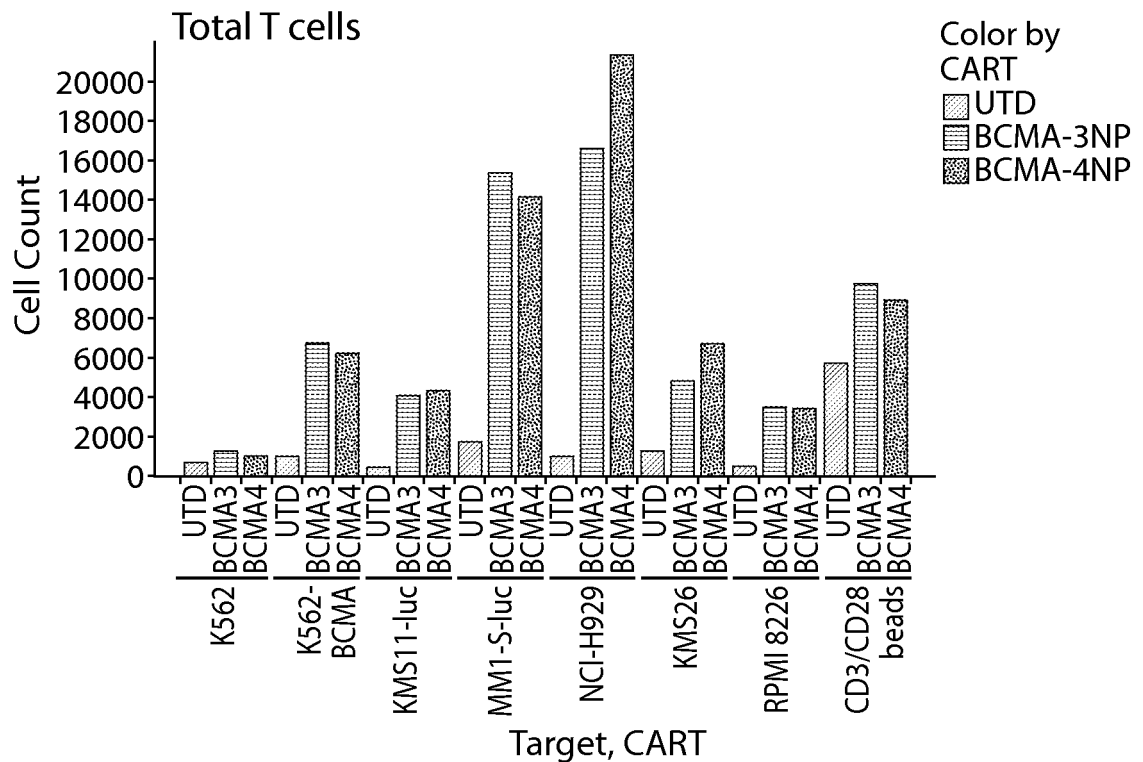


FIG. 15B

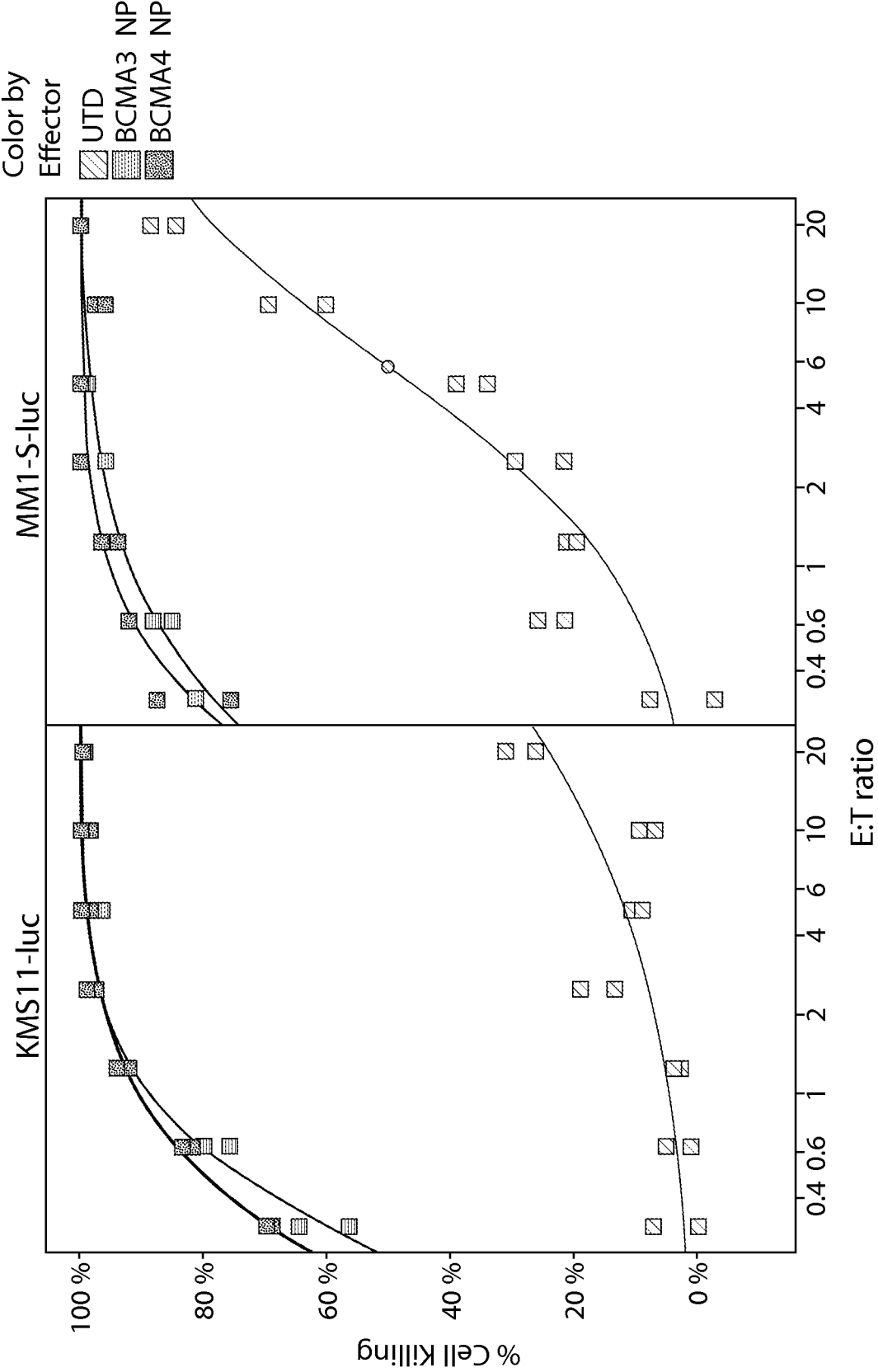


FIG. 16

21/62

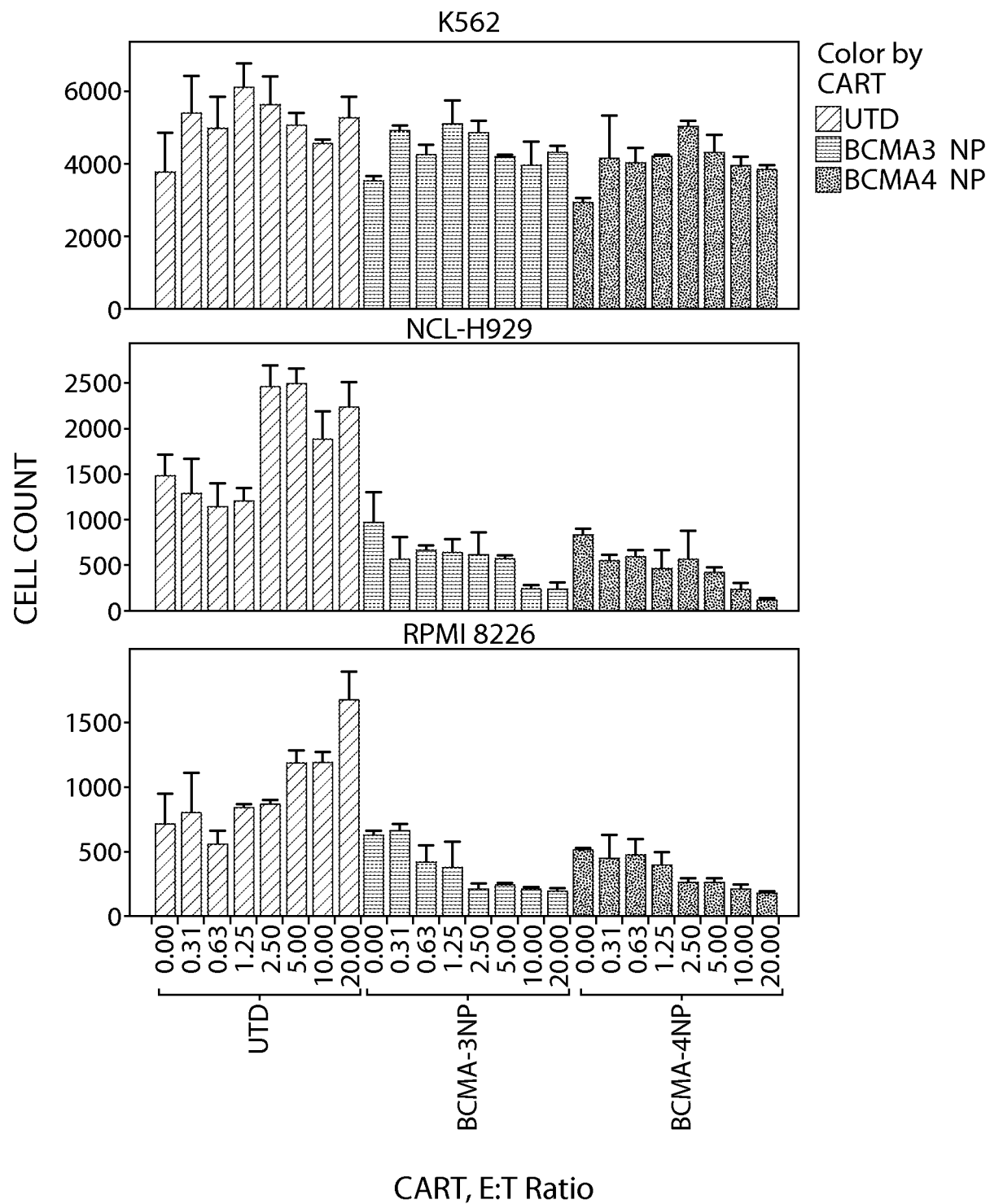


FIG. 17

22/62

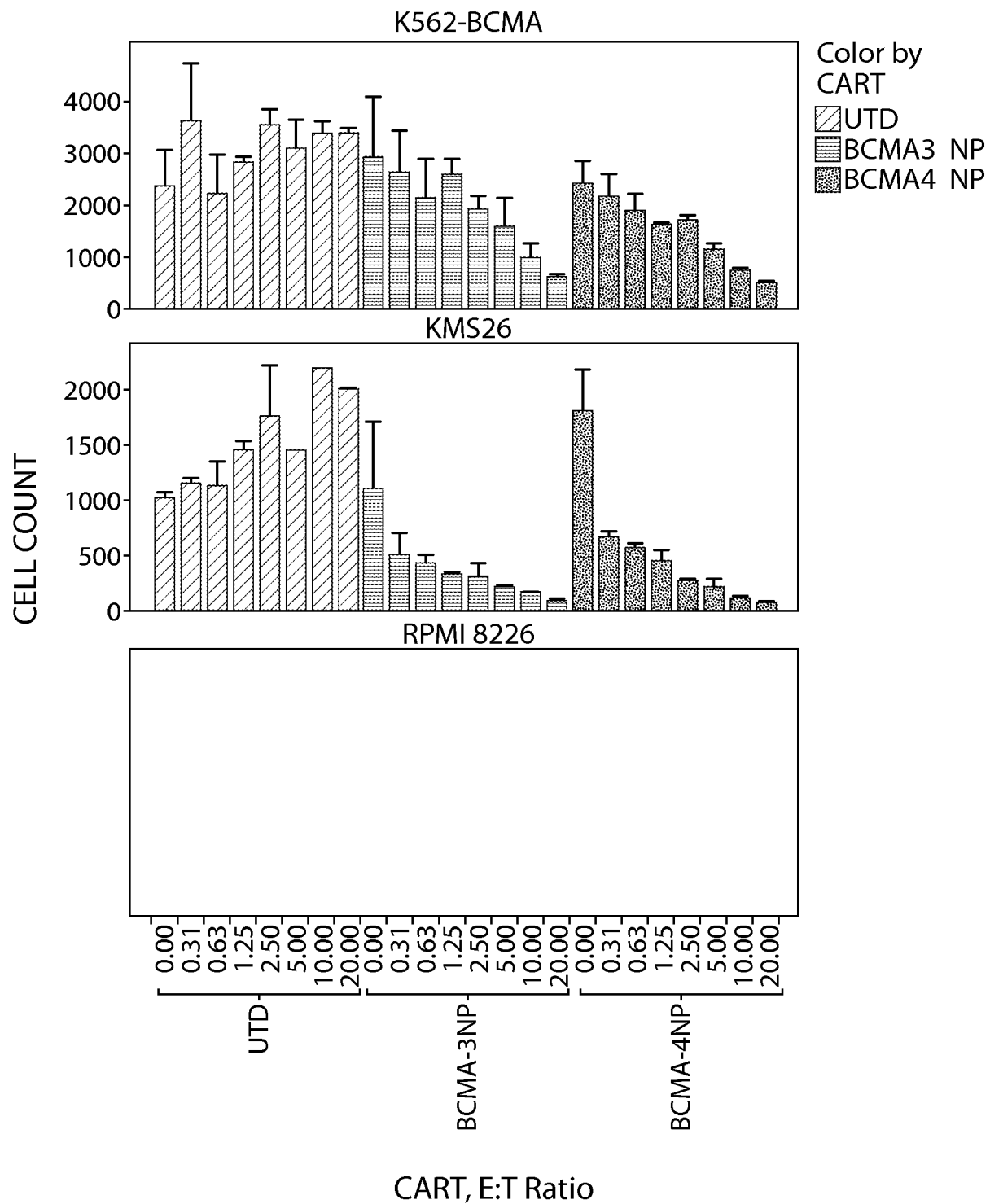


FIG. 17 cont.

23/62

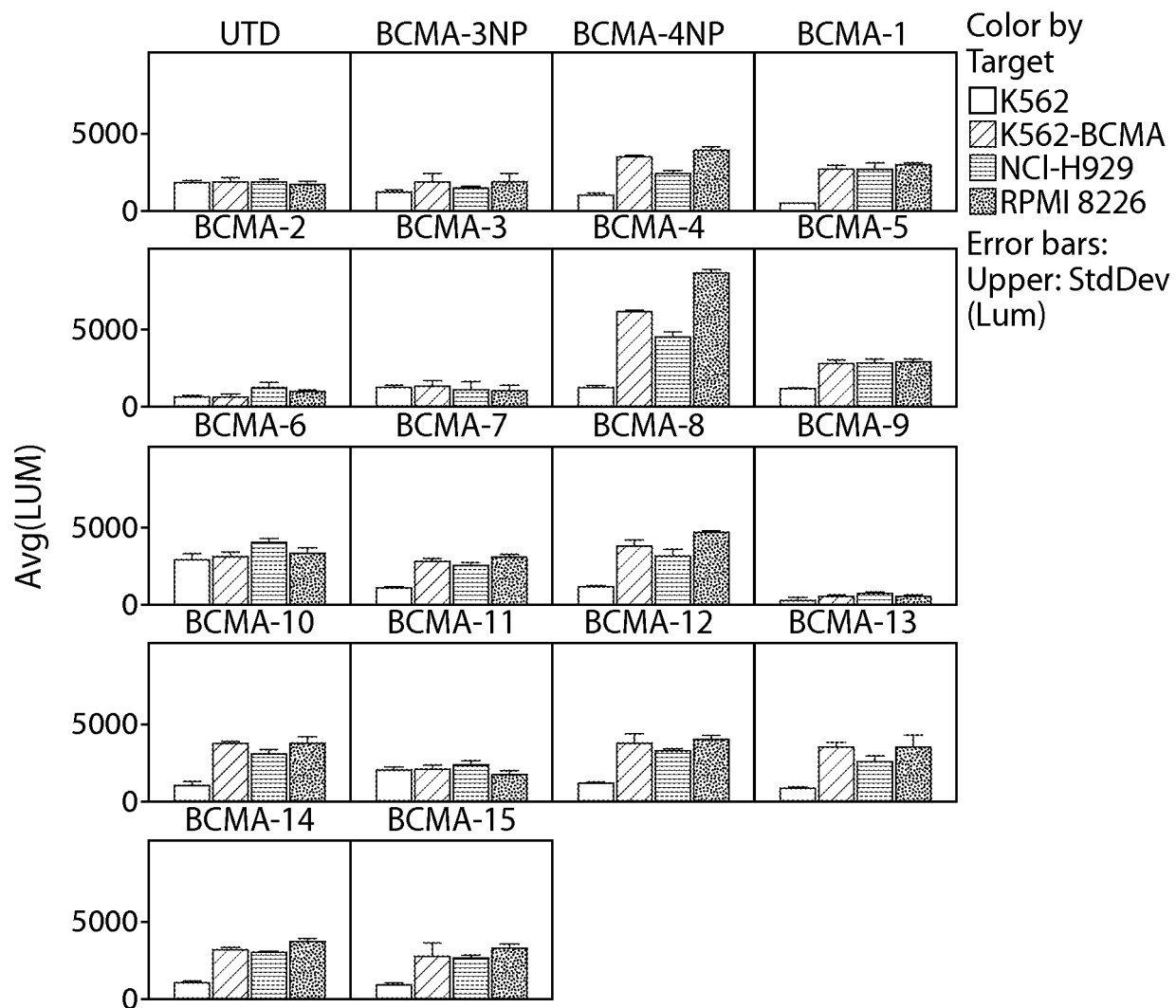


FIG. 18

24/62

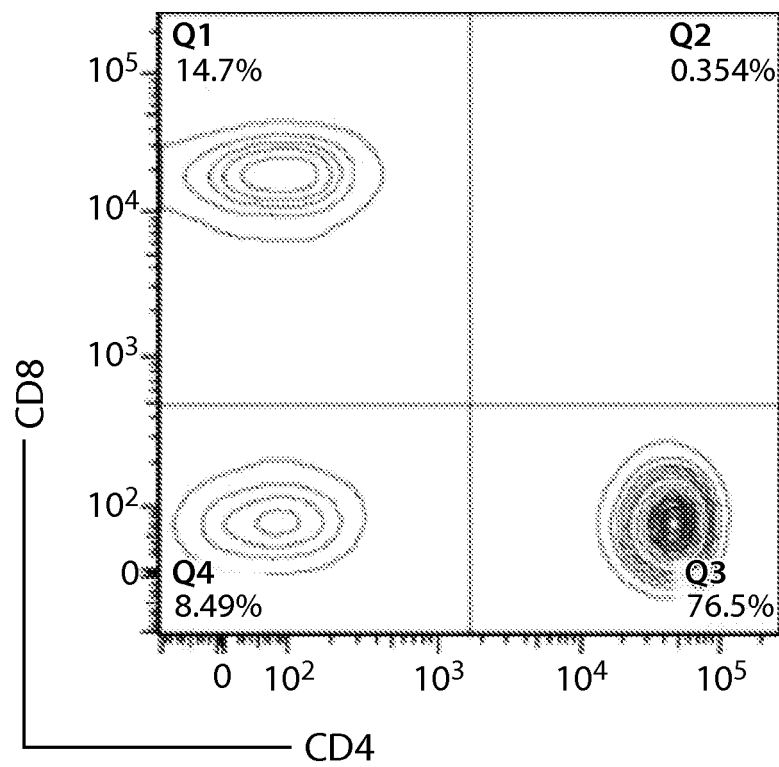


FIG. 19

25/62

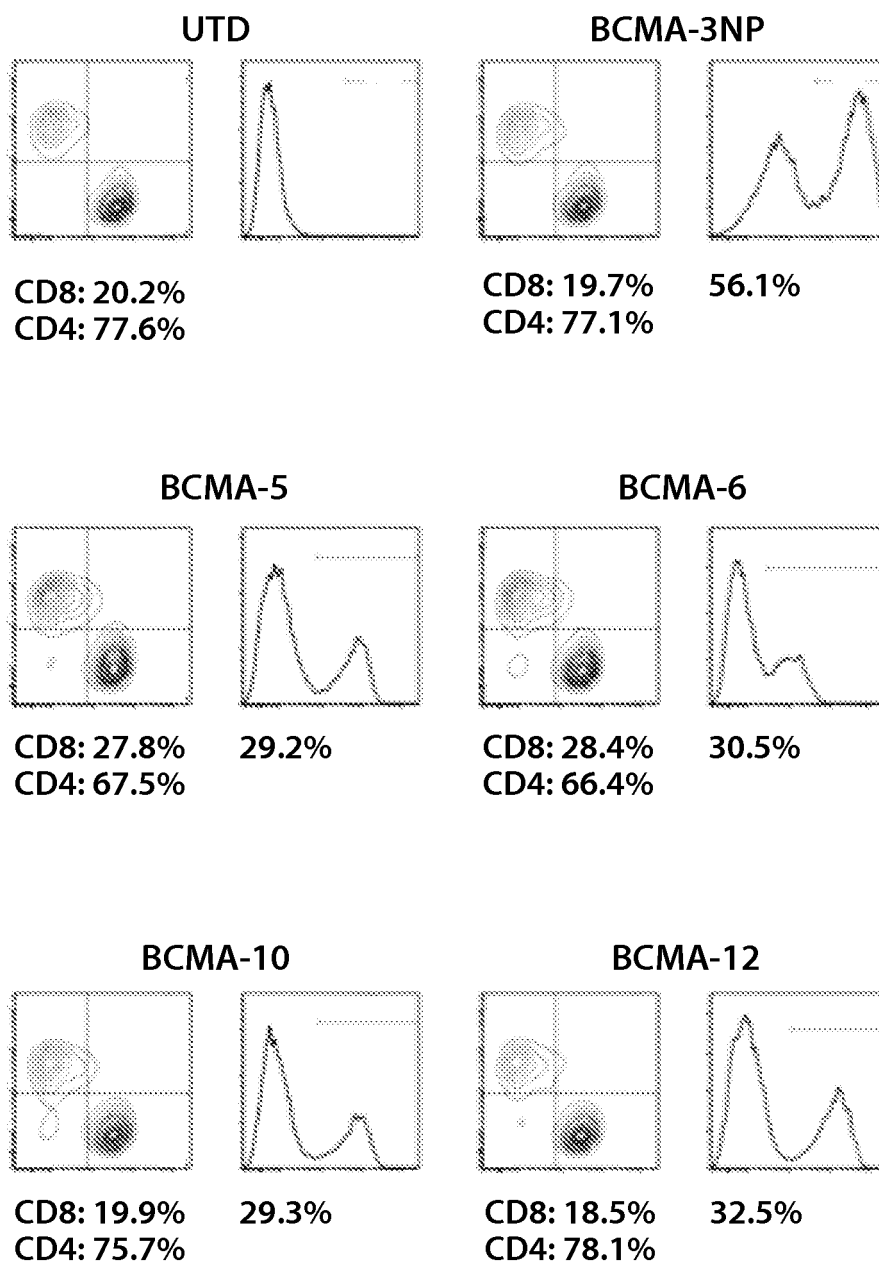


FIG. 20-1

26/62

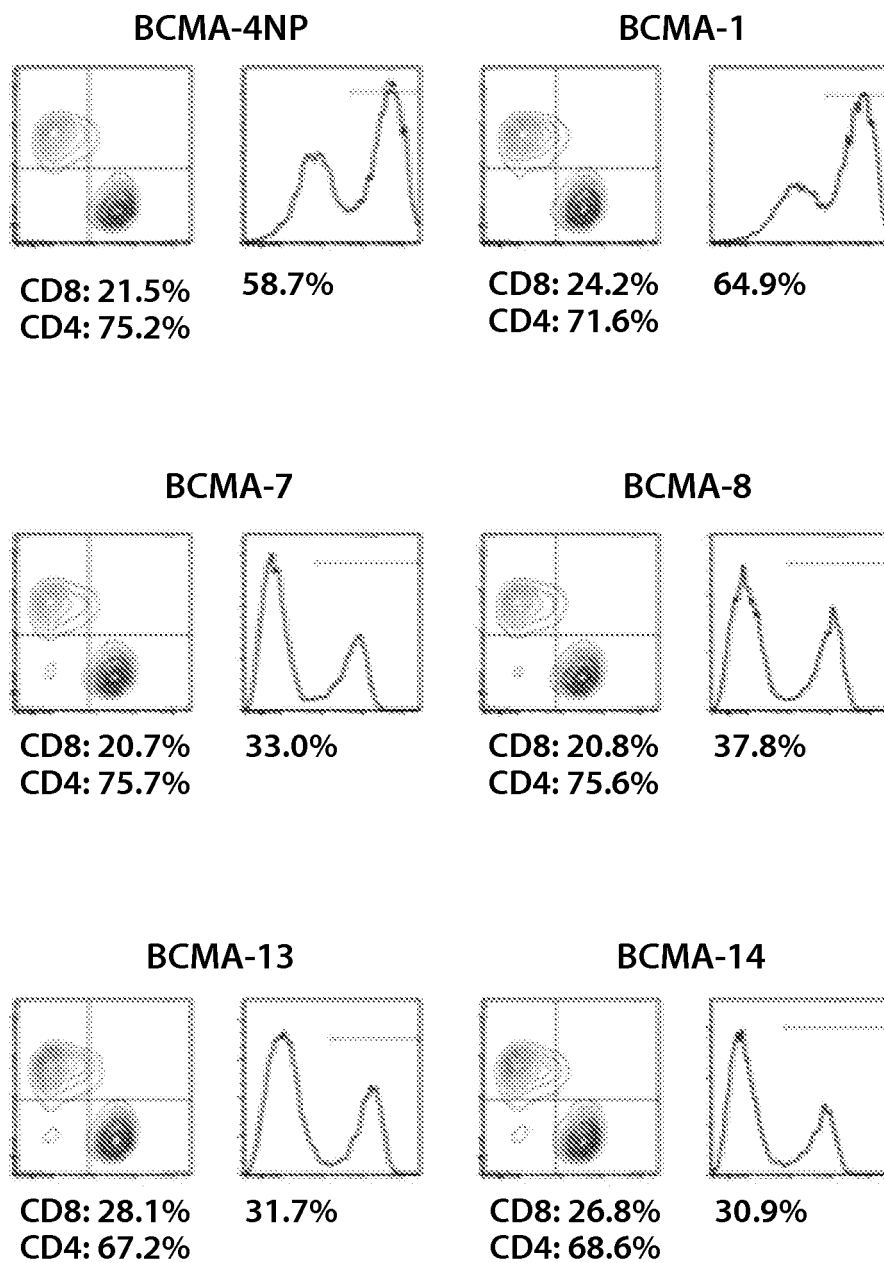
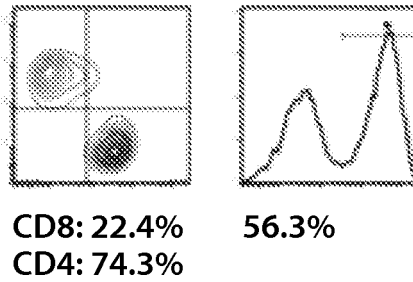
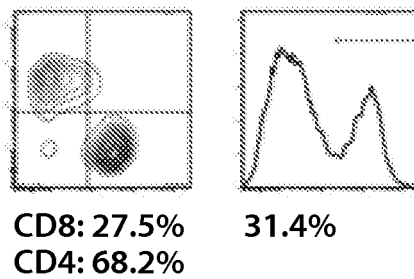
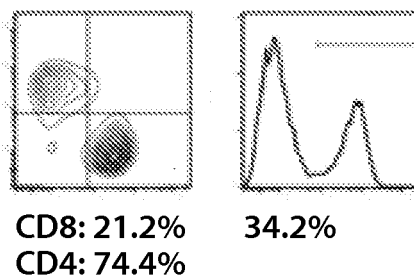


FIG. 20-2

27/62

BCMA-4**BCMA-9****BCMA-15****FIG. 20-3**

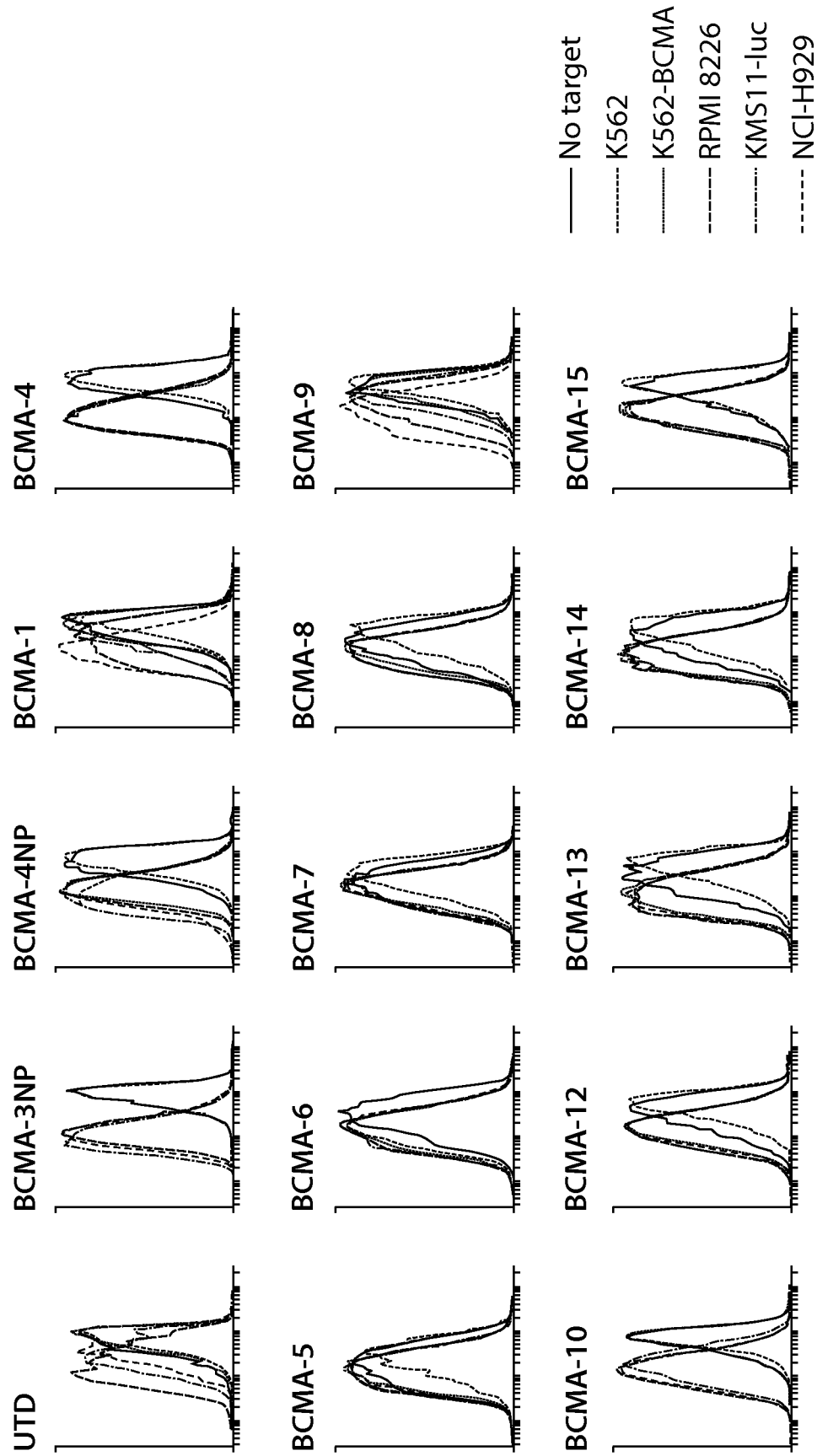


FIG. 21

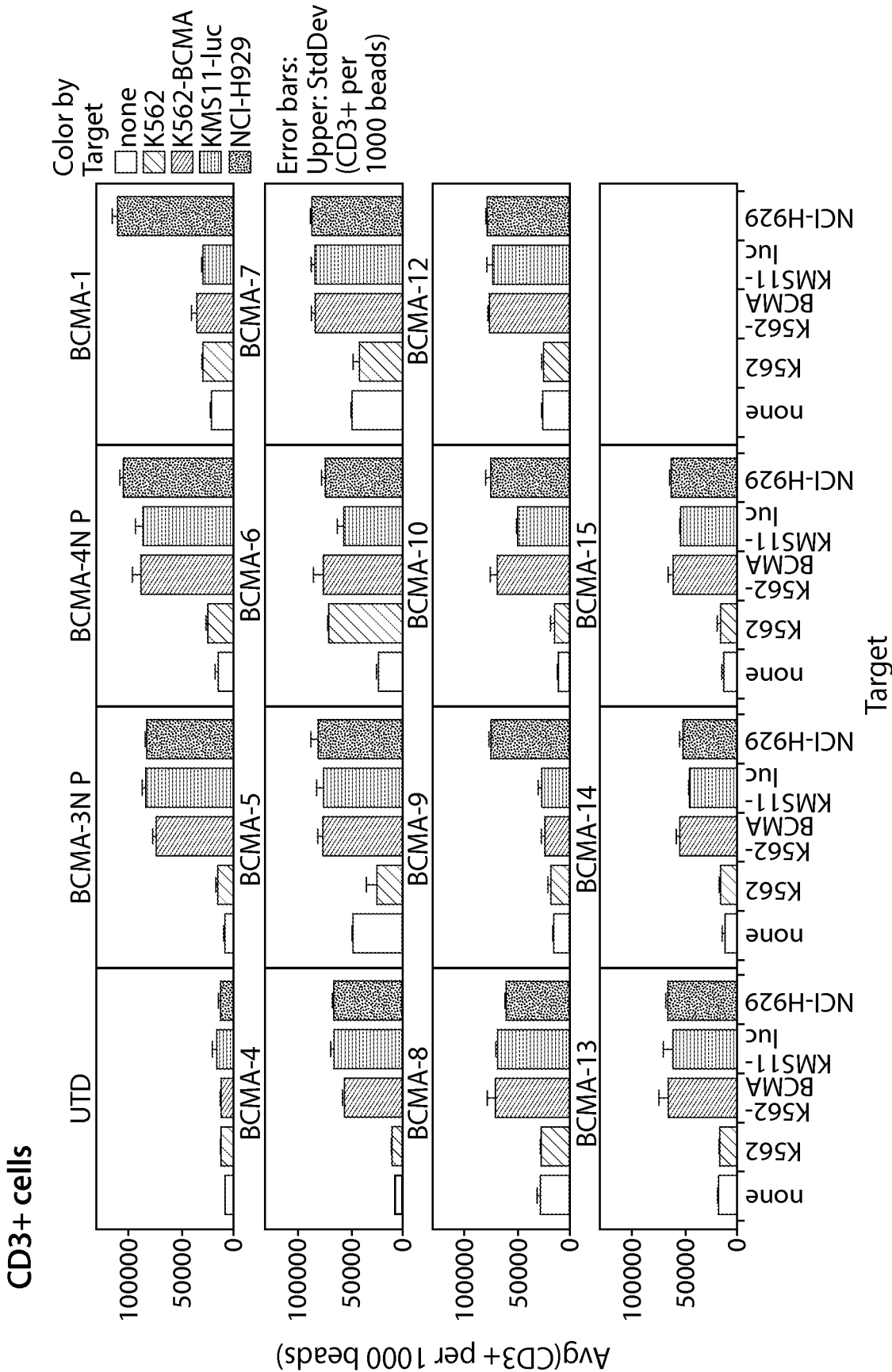
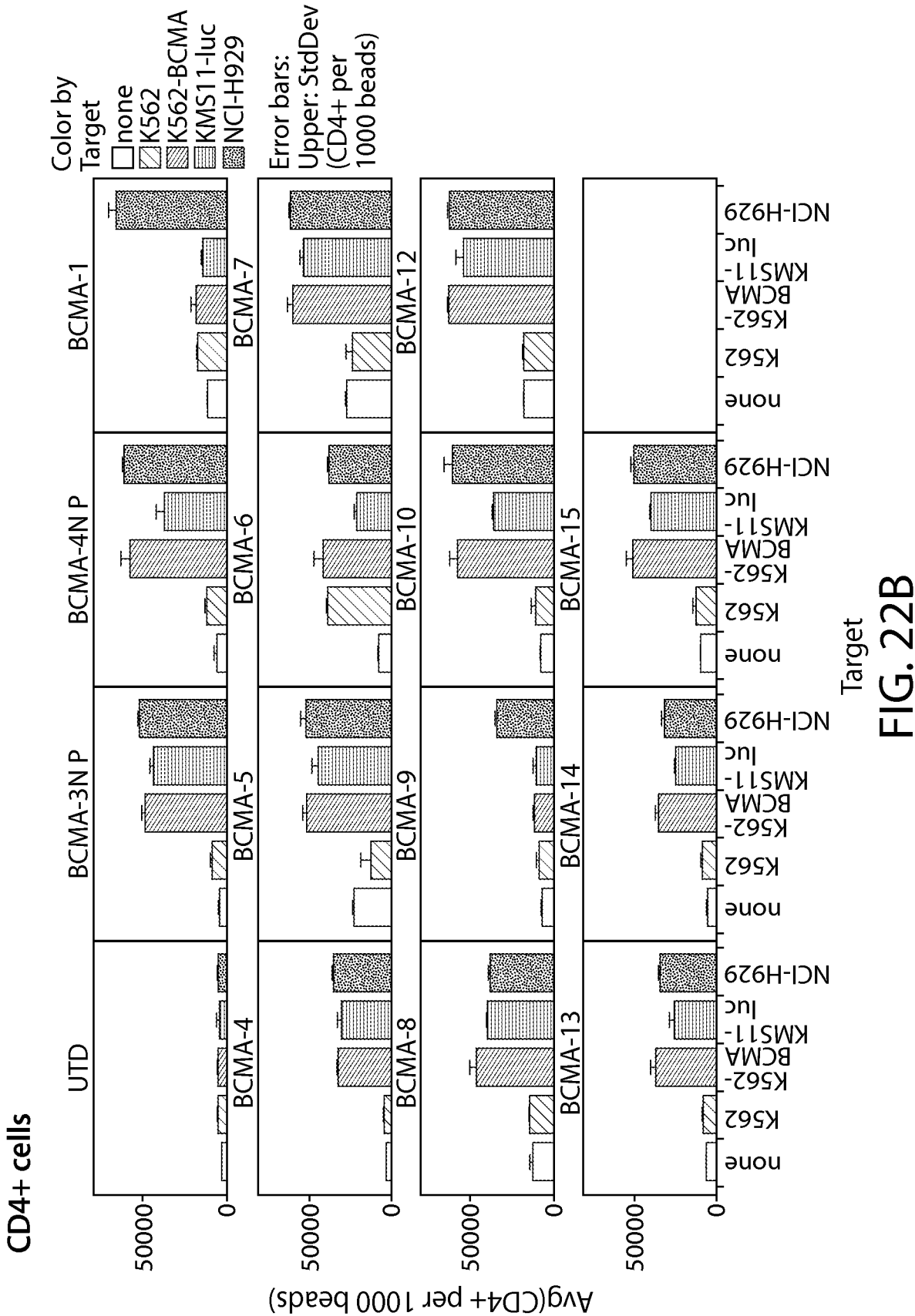
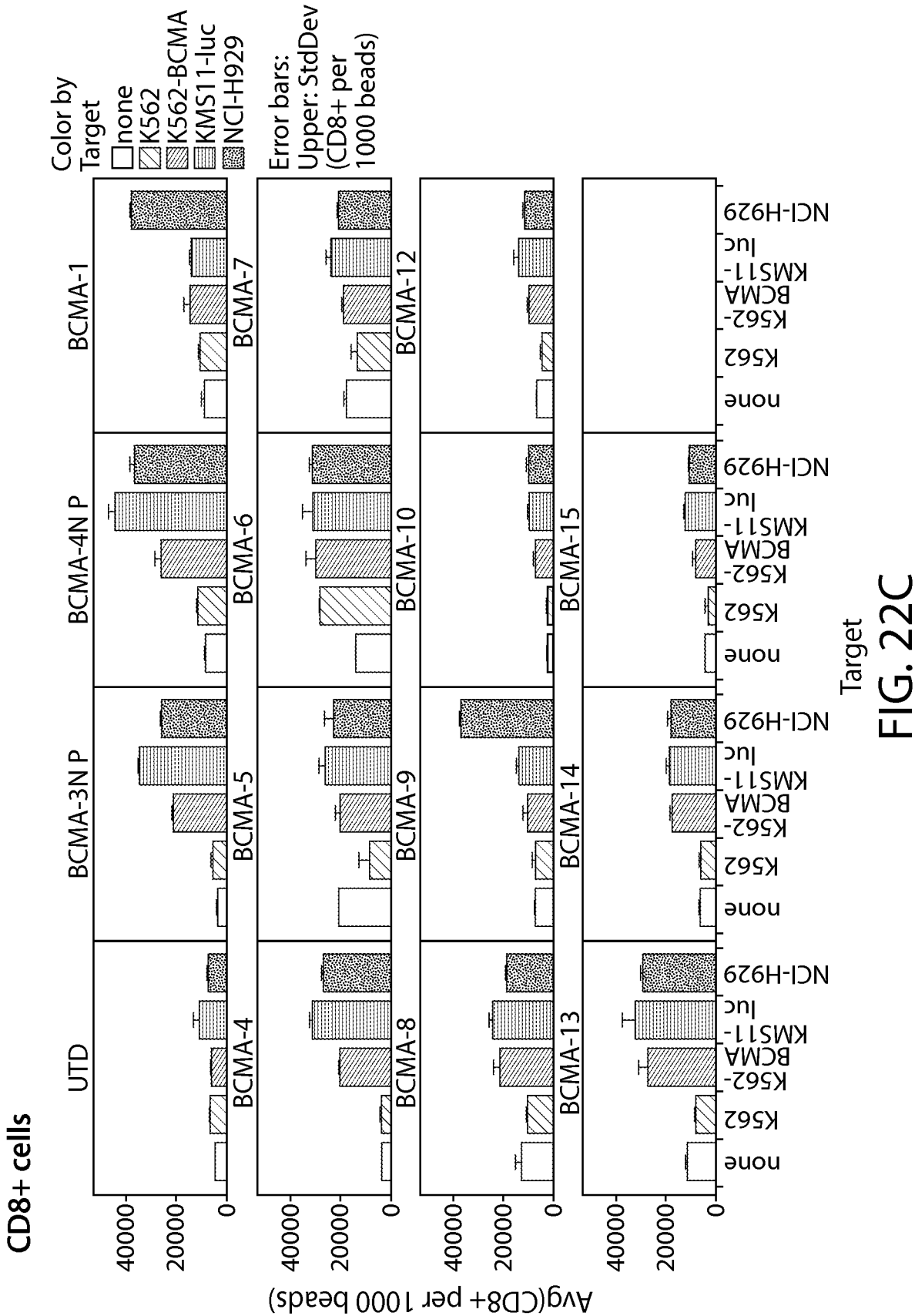


FIG. 22A





32/62

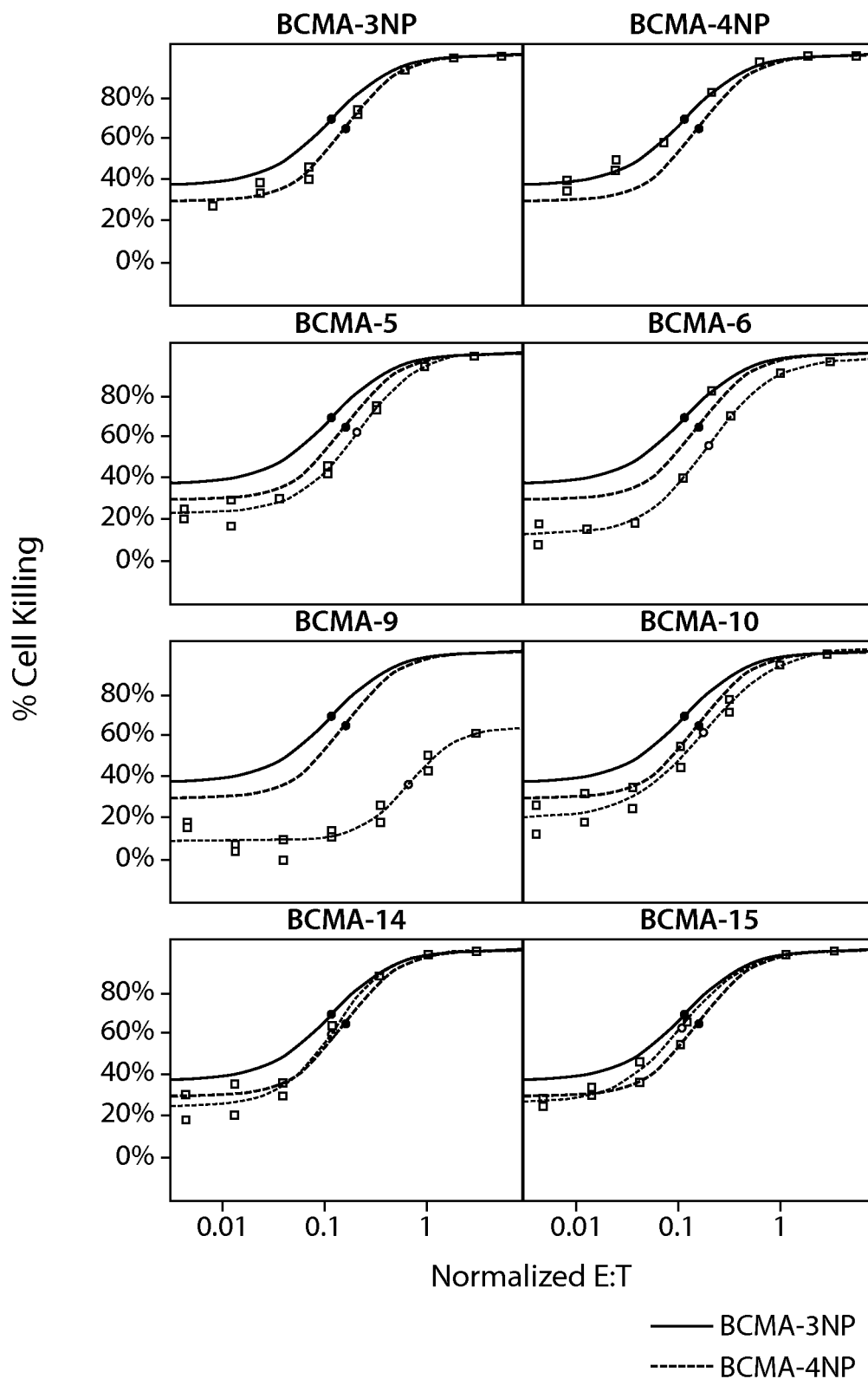


FIG. 23A-1

33/62

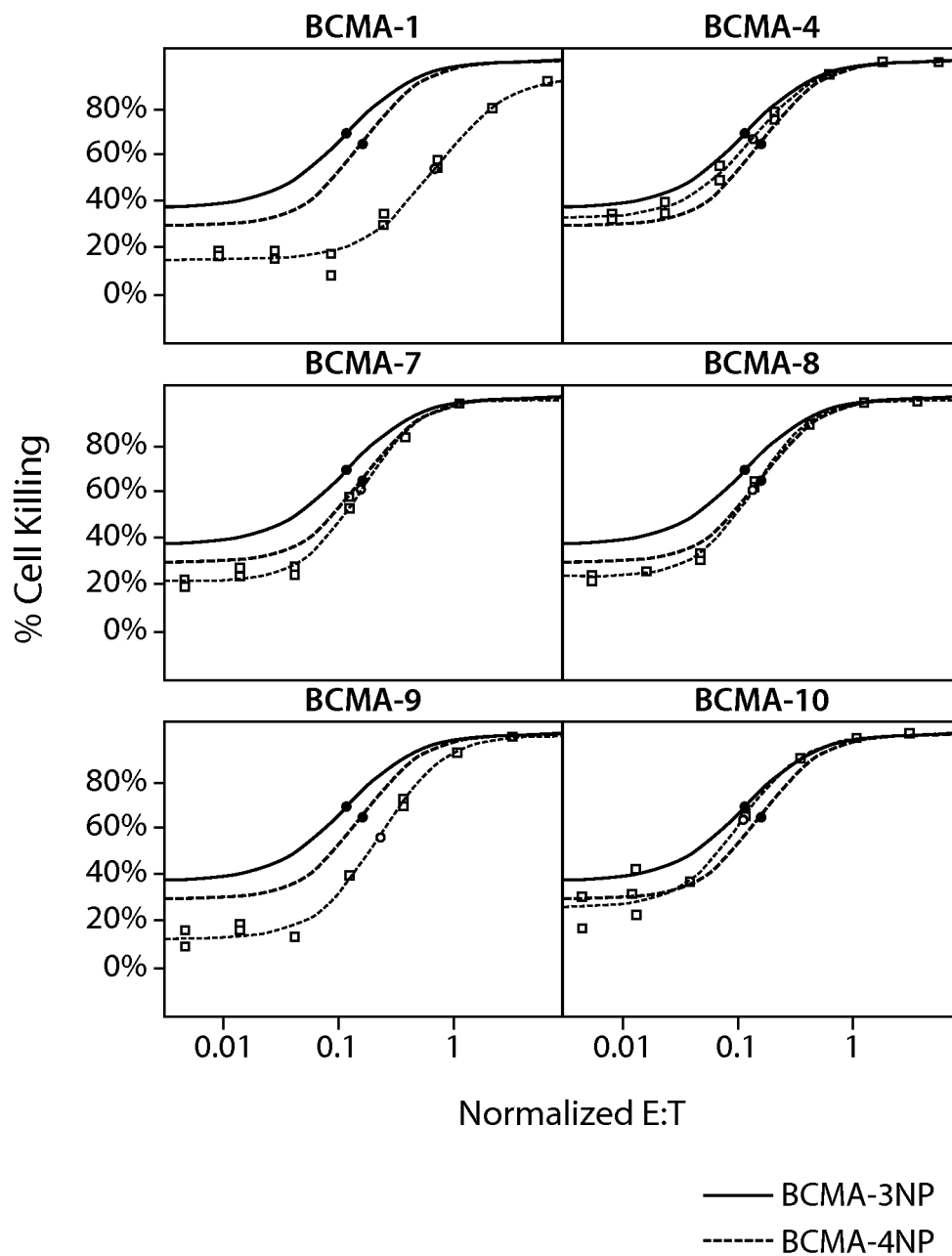


FIG. 23A-2

34/62

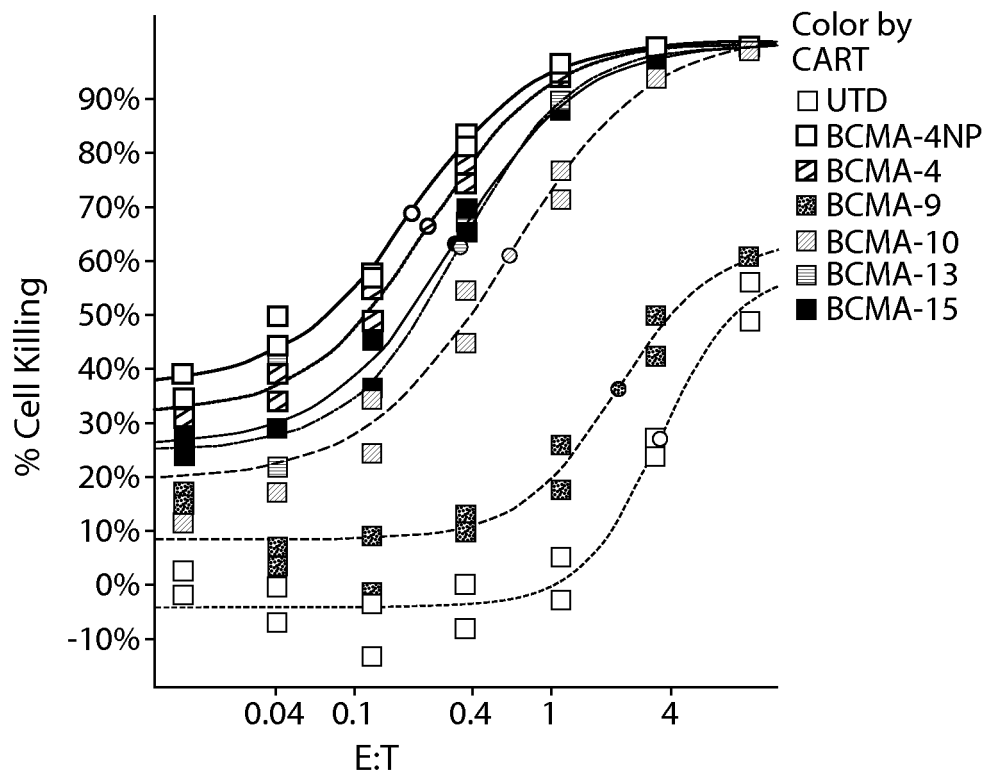


FIG. 23B

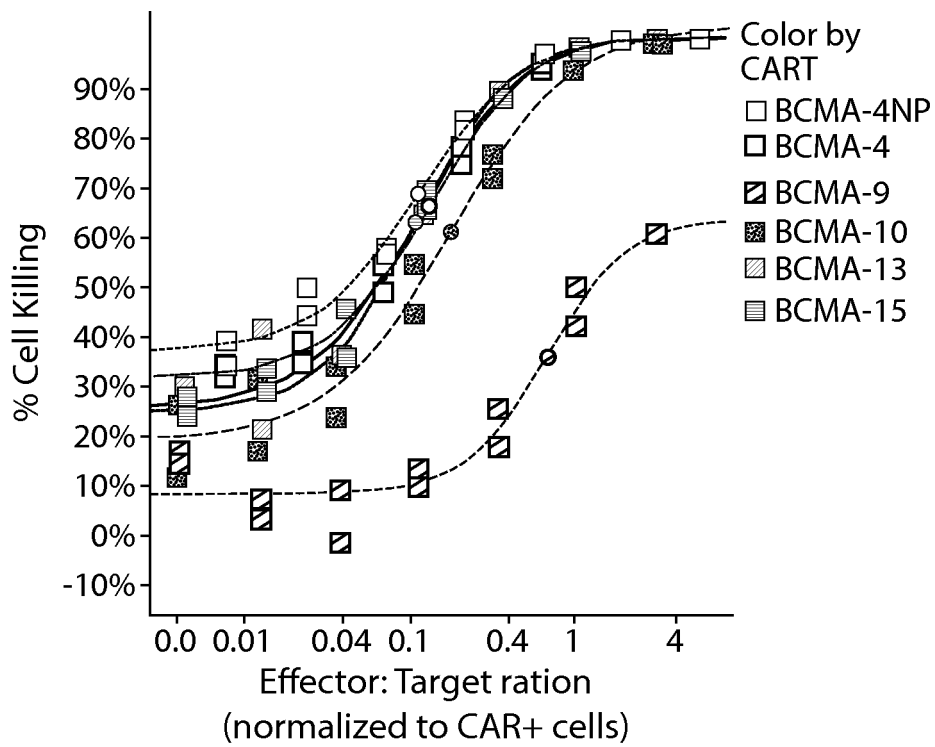


FIG. 23C

35/62

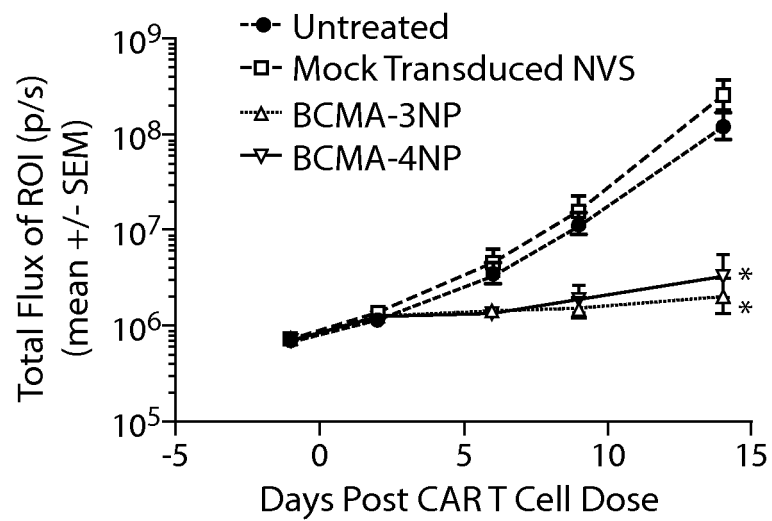
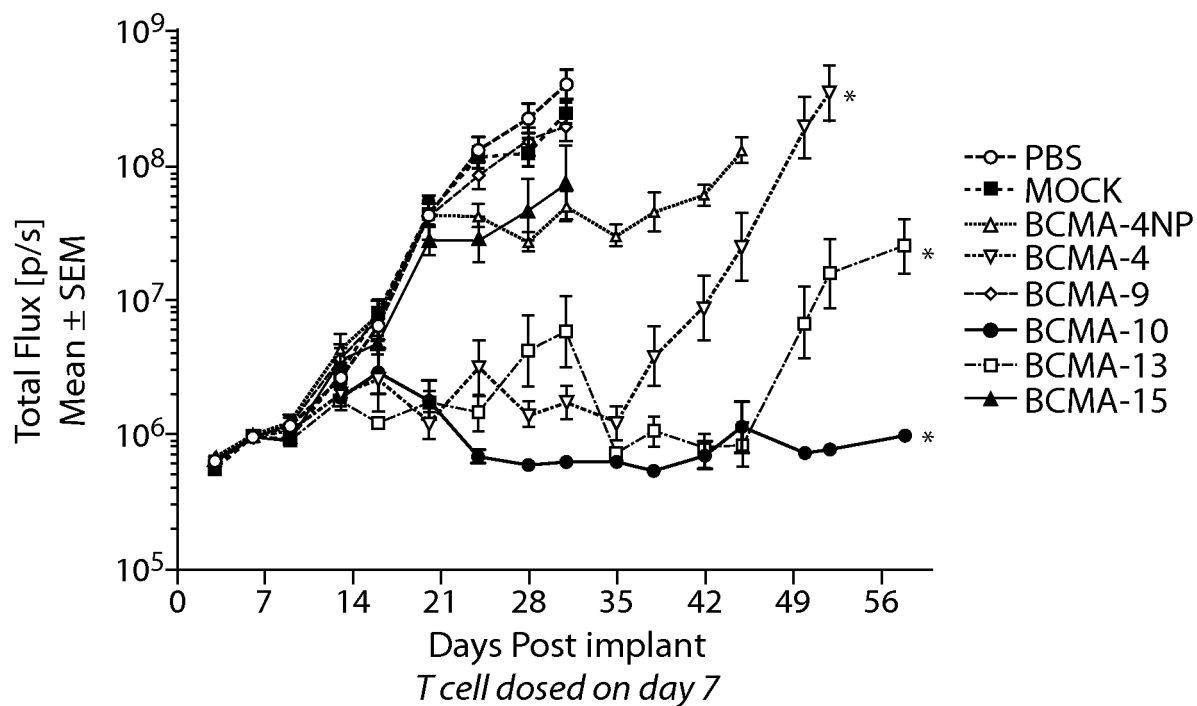
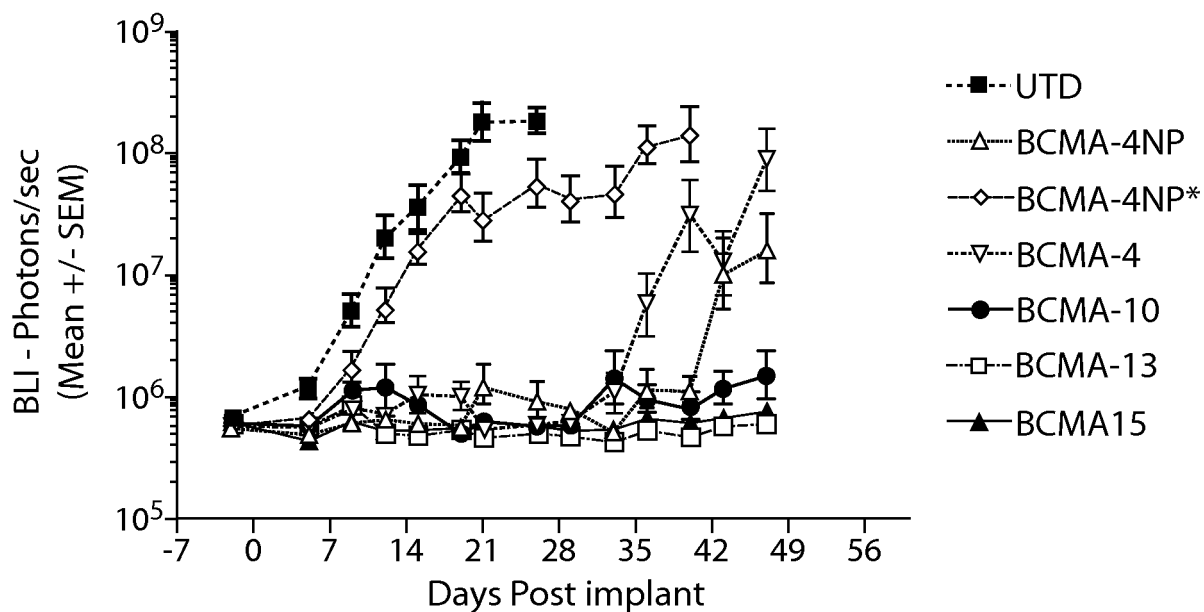


FIG. 24

36/62



37/62

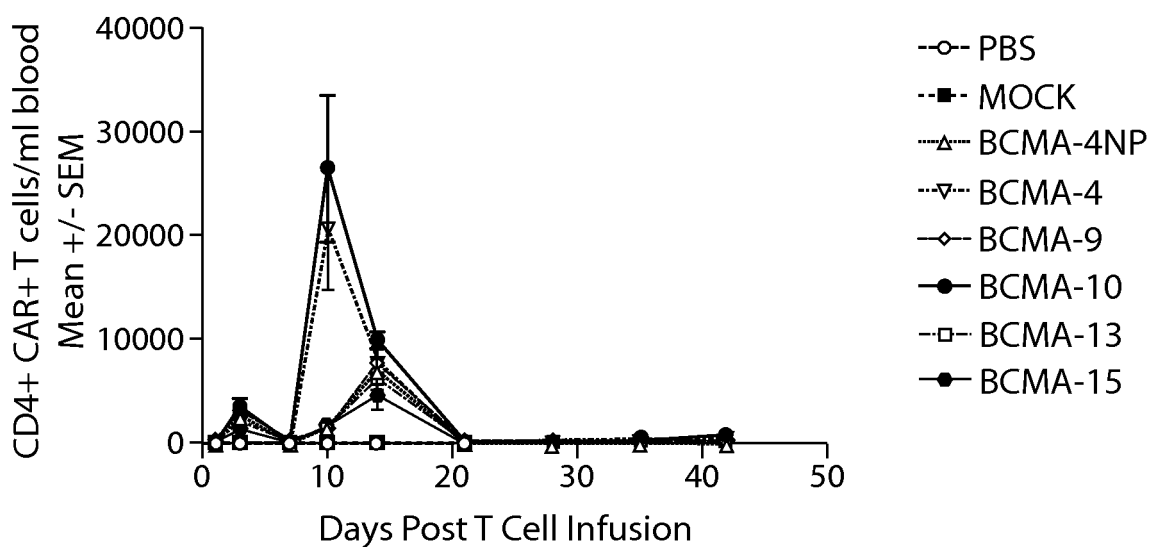


FIG. 26A

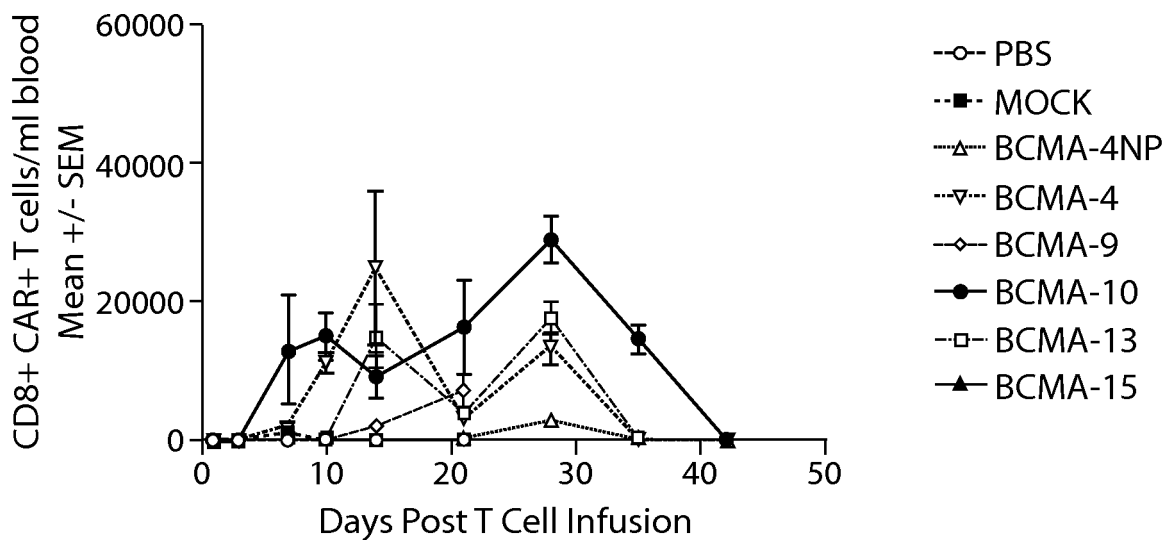


FIG. 26B

38/62

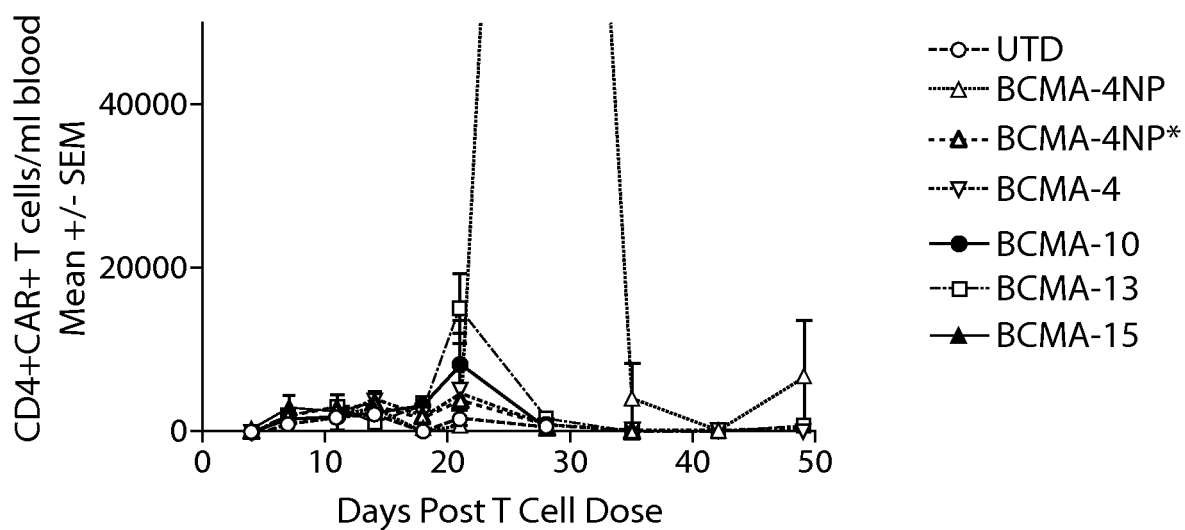


FIG. 26C

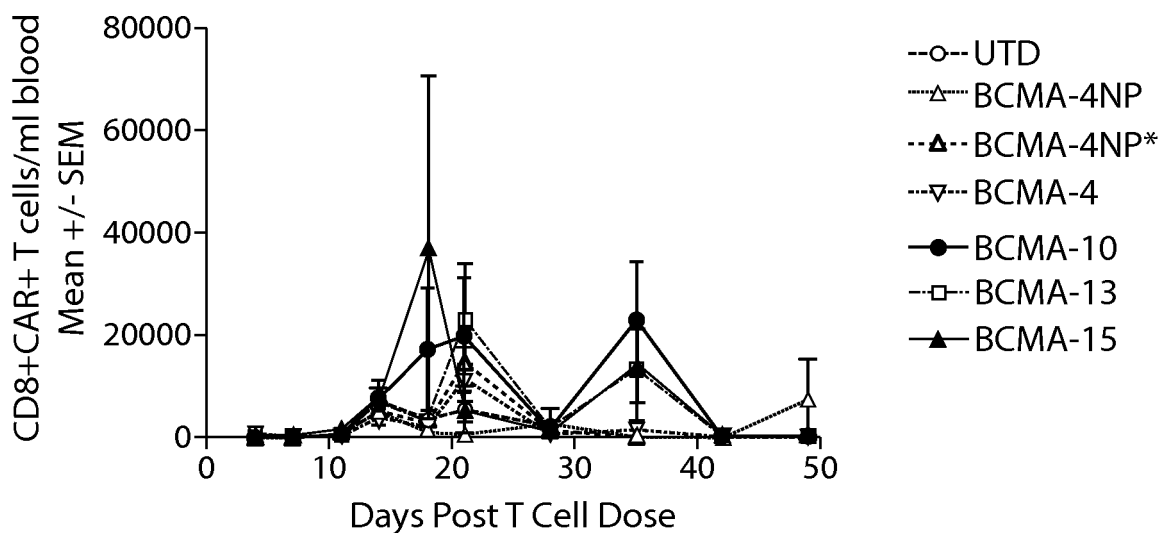


FIG. 26D

39/62

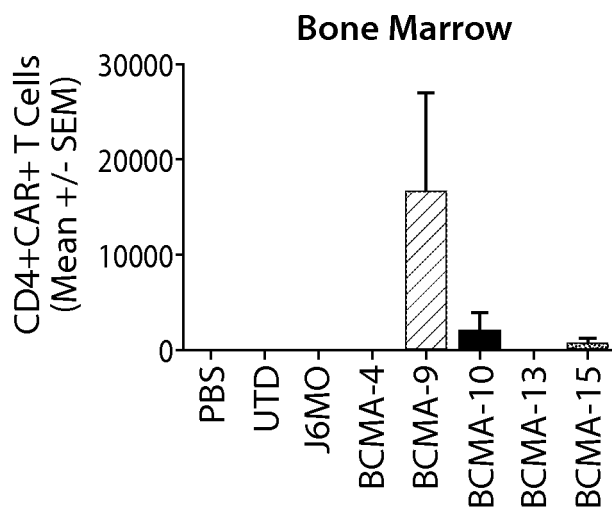


FIG. 27A

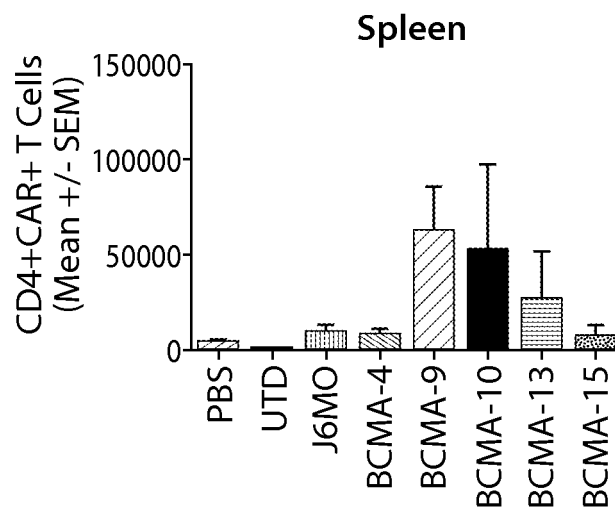


FIG. 27B

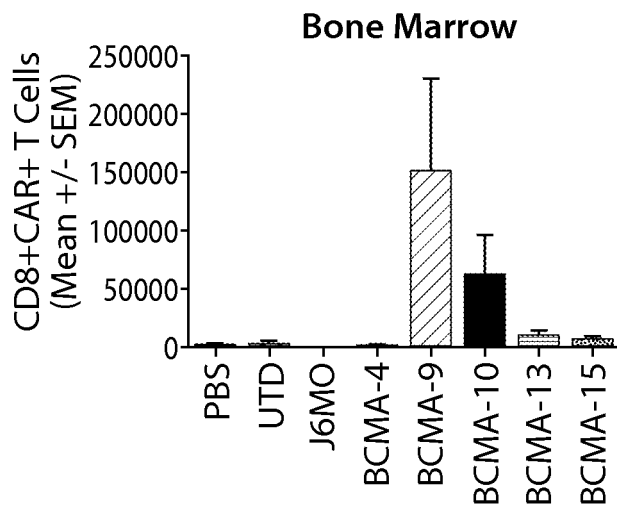


FIG. 27C

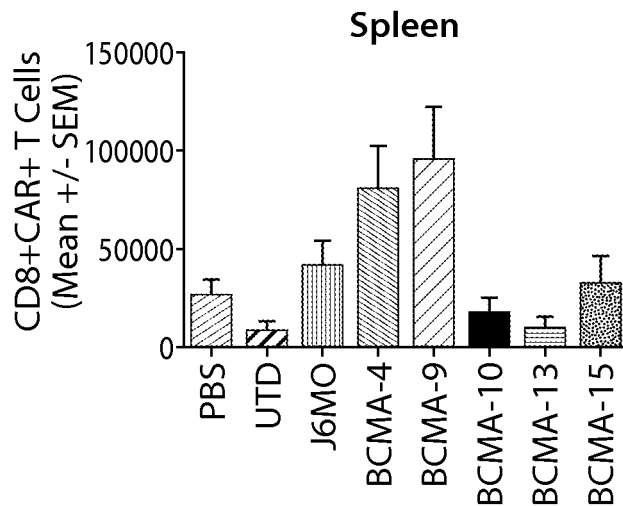


FIG. 27D

40/62

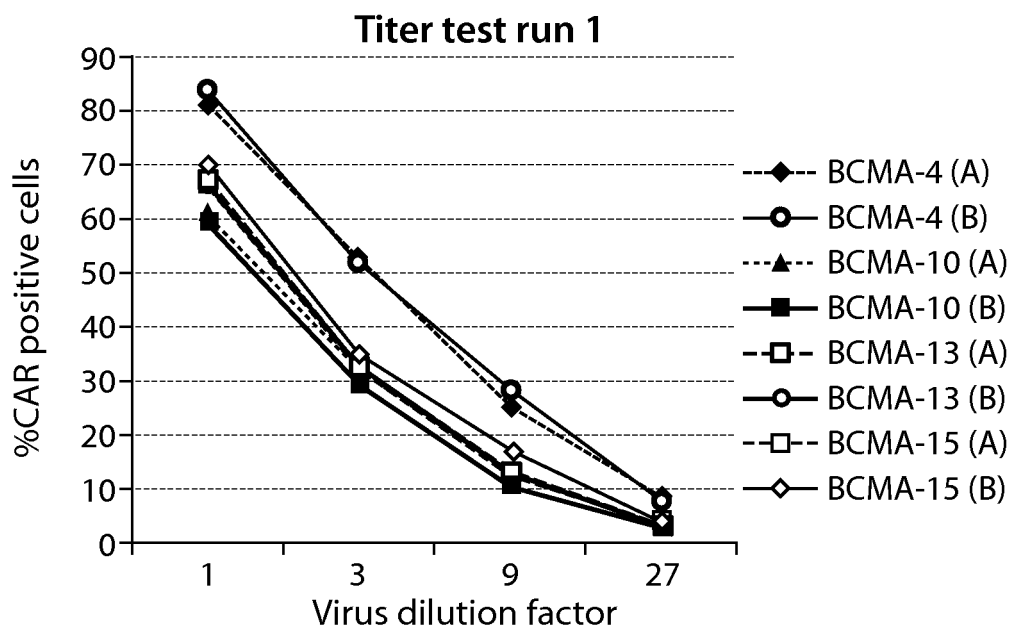


FIG. 28A

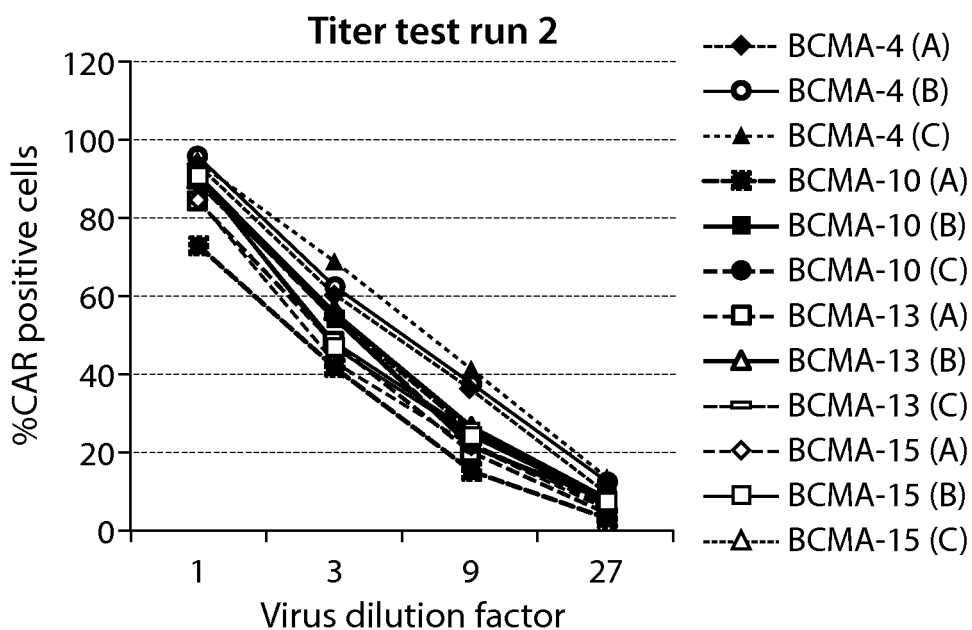


FIG. 28B

41/62

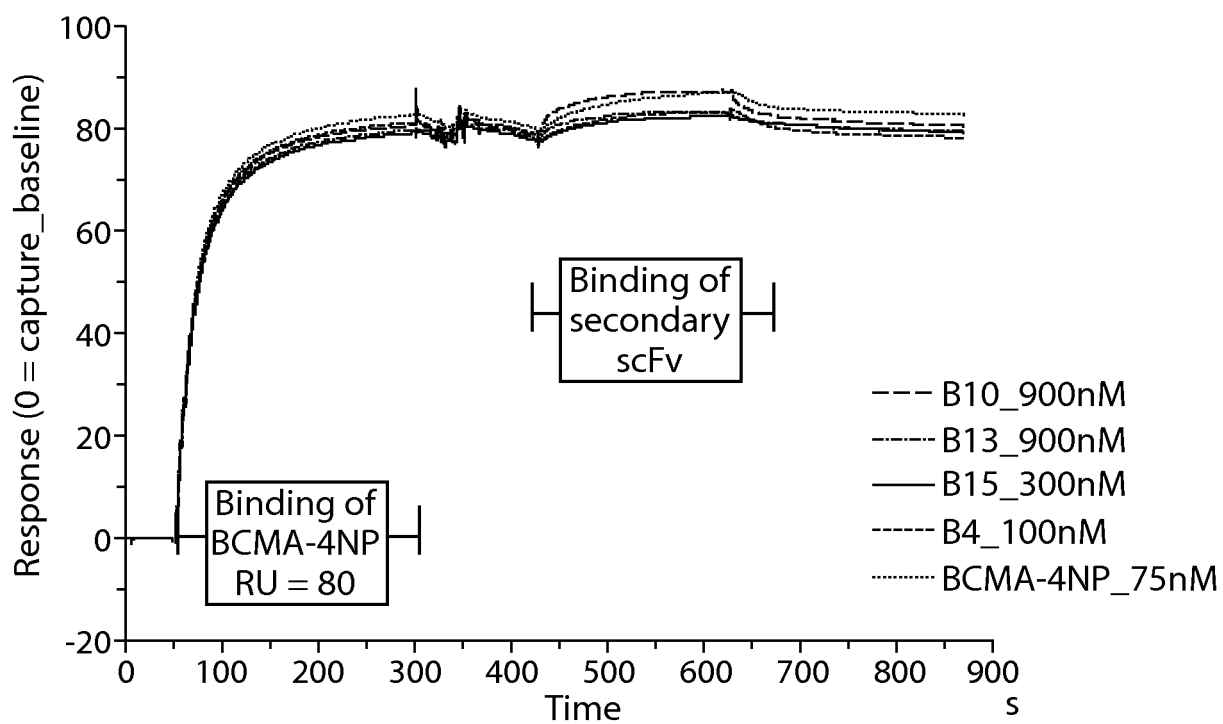


FIG. 29

42/62

BCMA-10 = 33.6 nM

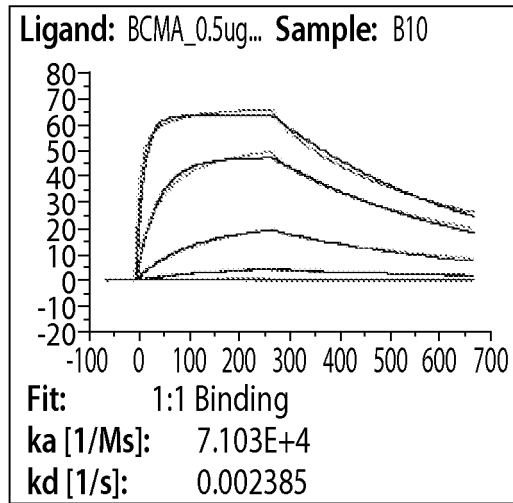


FIG. 30A

BCMA-13 = 24.5 nM

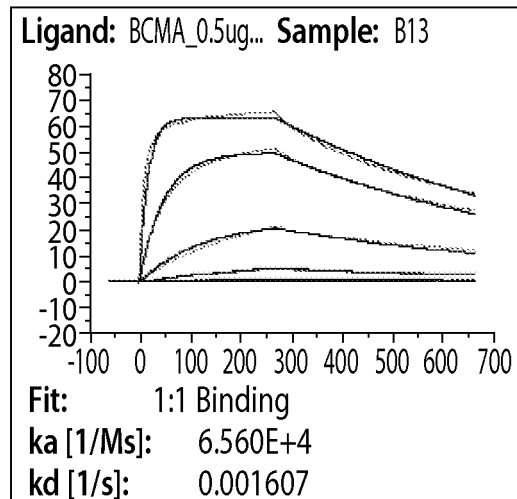


FIG. 30B

BCMA-15 = 9.3 nM

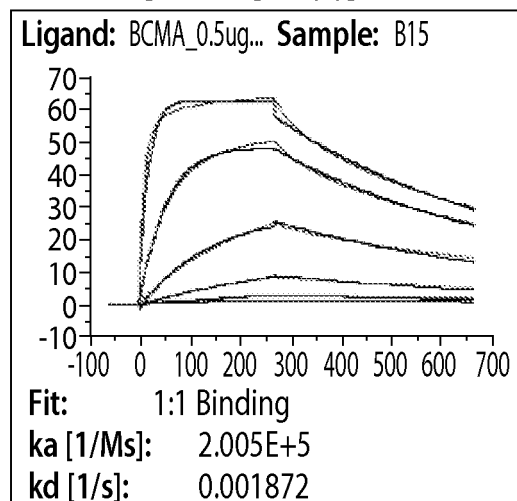


FIG. 30C

43/62

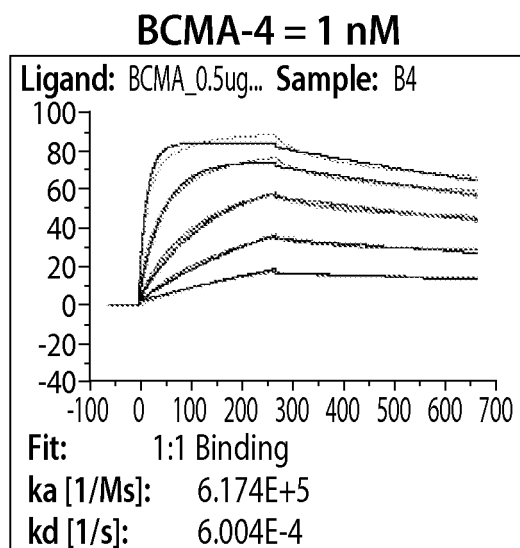


FIG. 30D

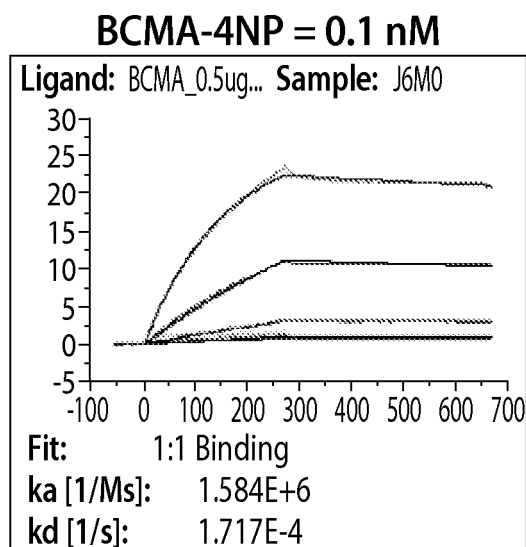


FIG. 30E

44/62

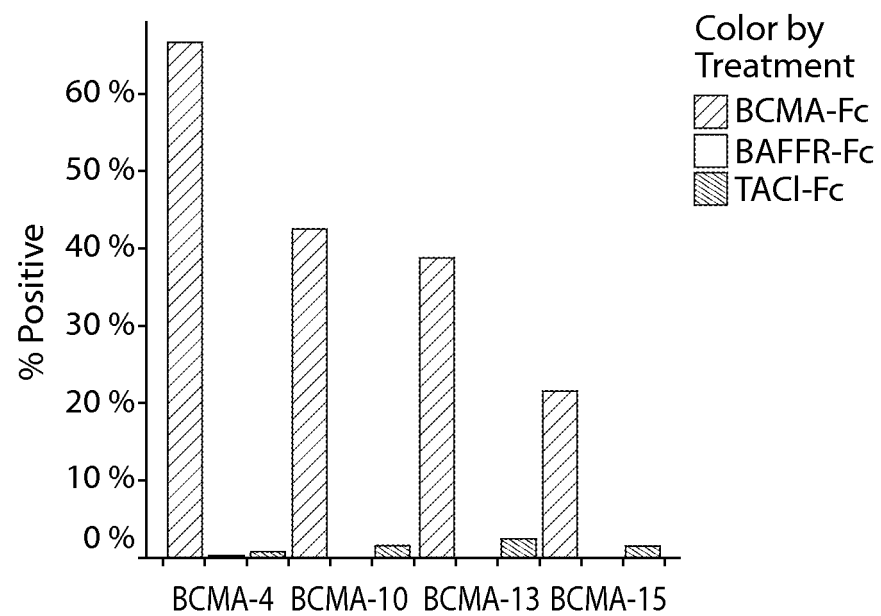


FIG. 31

45/62

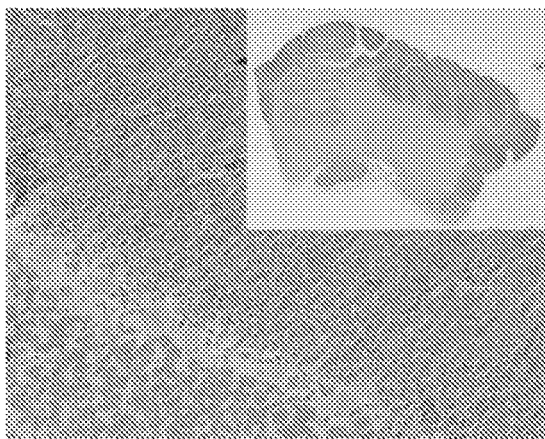


FIG. 32A

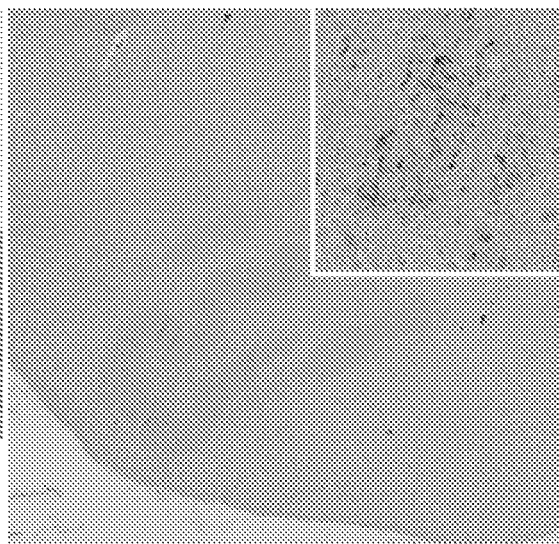


FIG. 32B

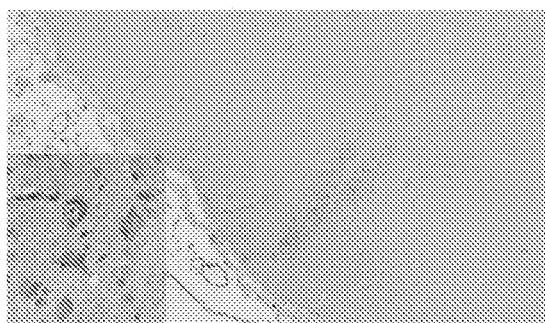


FIG. 32C

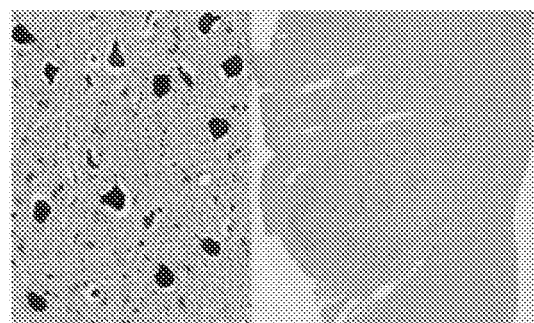


FIG. 32D

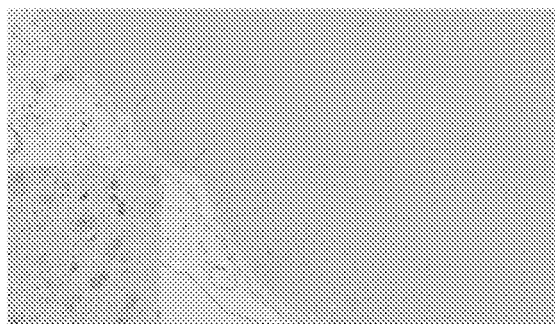


FIG. 32E

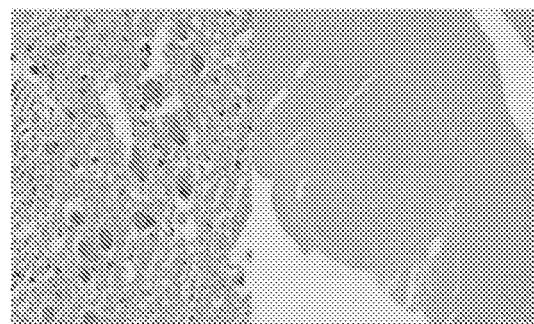


FIG. 32F

46/62

**NHP
cerebellum**

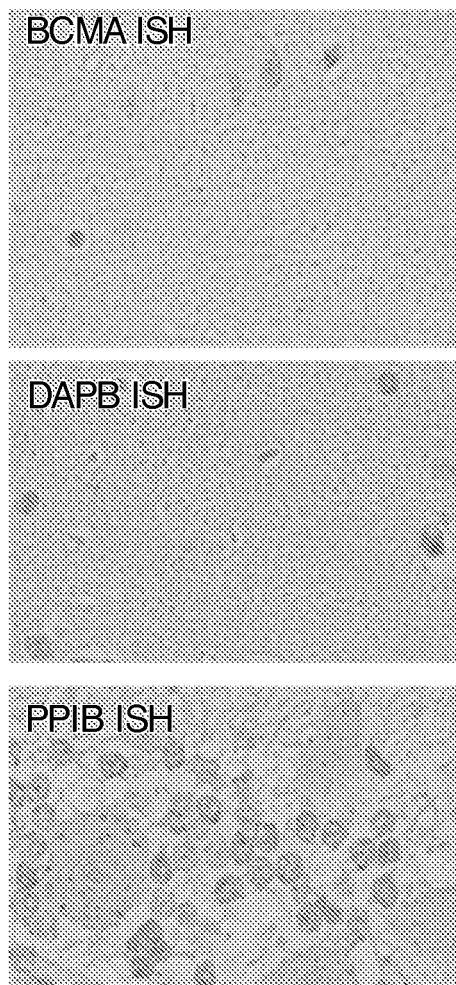


FIG. 33A

**NHP
medulla oblongata**

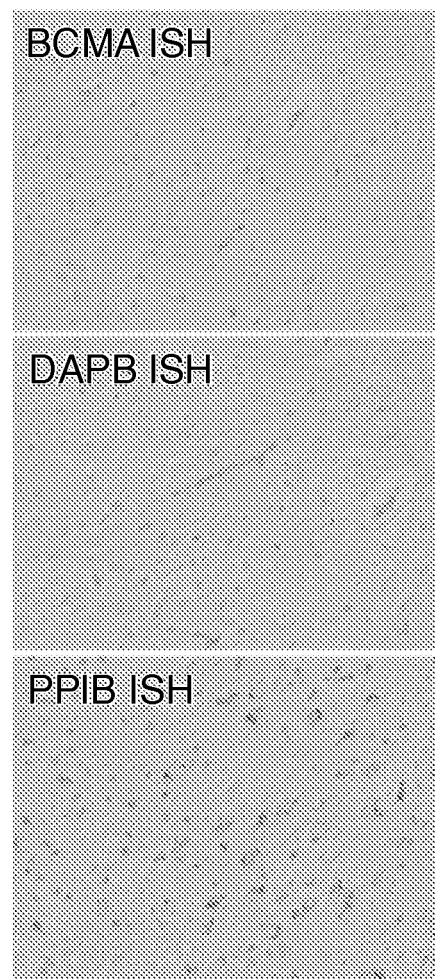


FIG. 33B

47/62

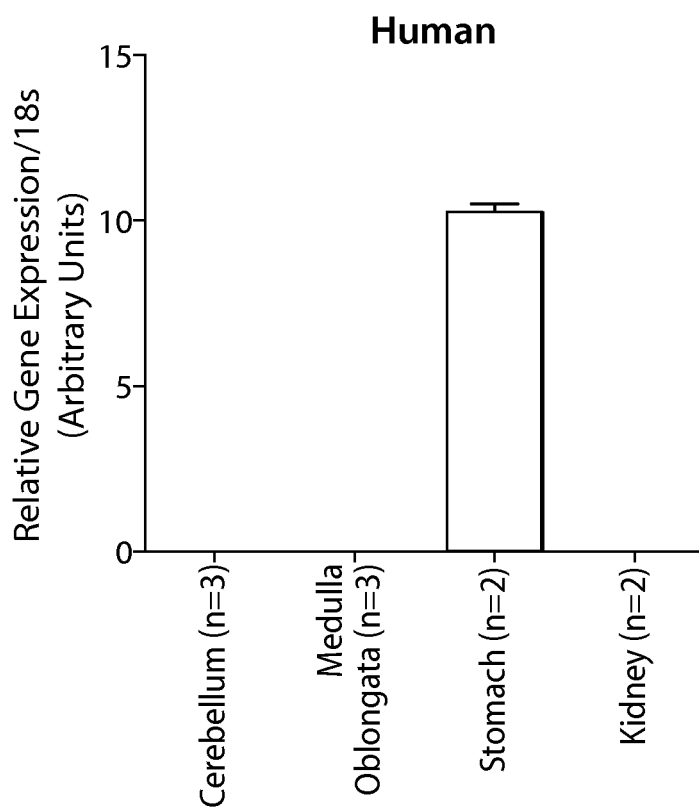


FIG. 33C

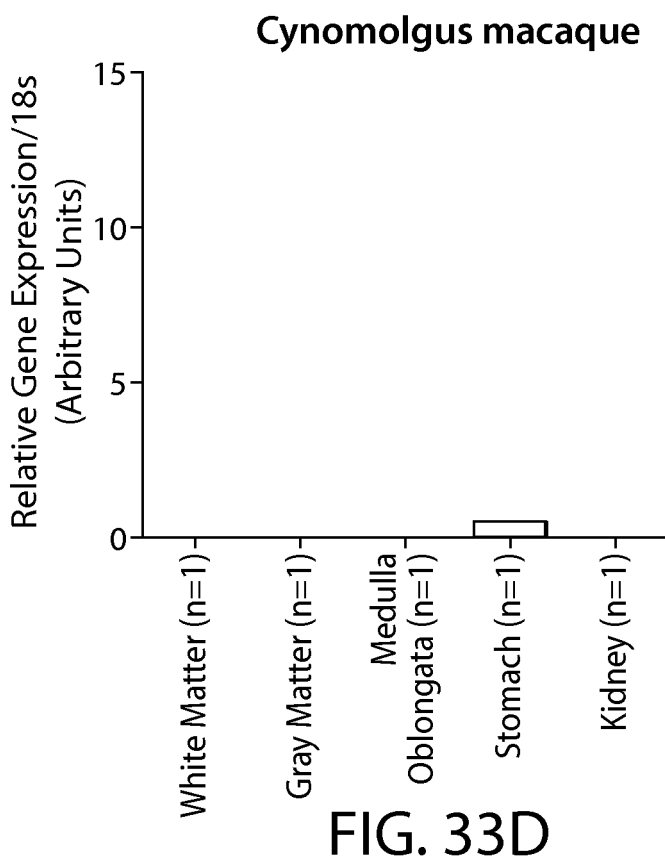


FIG. 33D

48/62

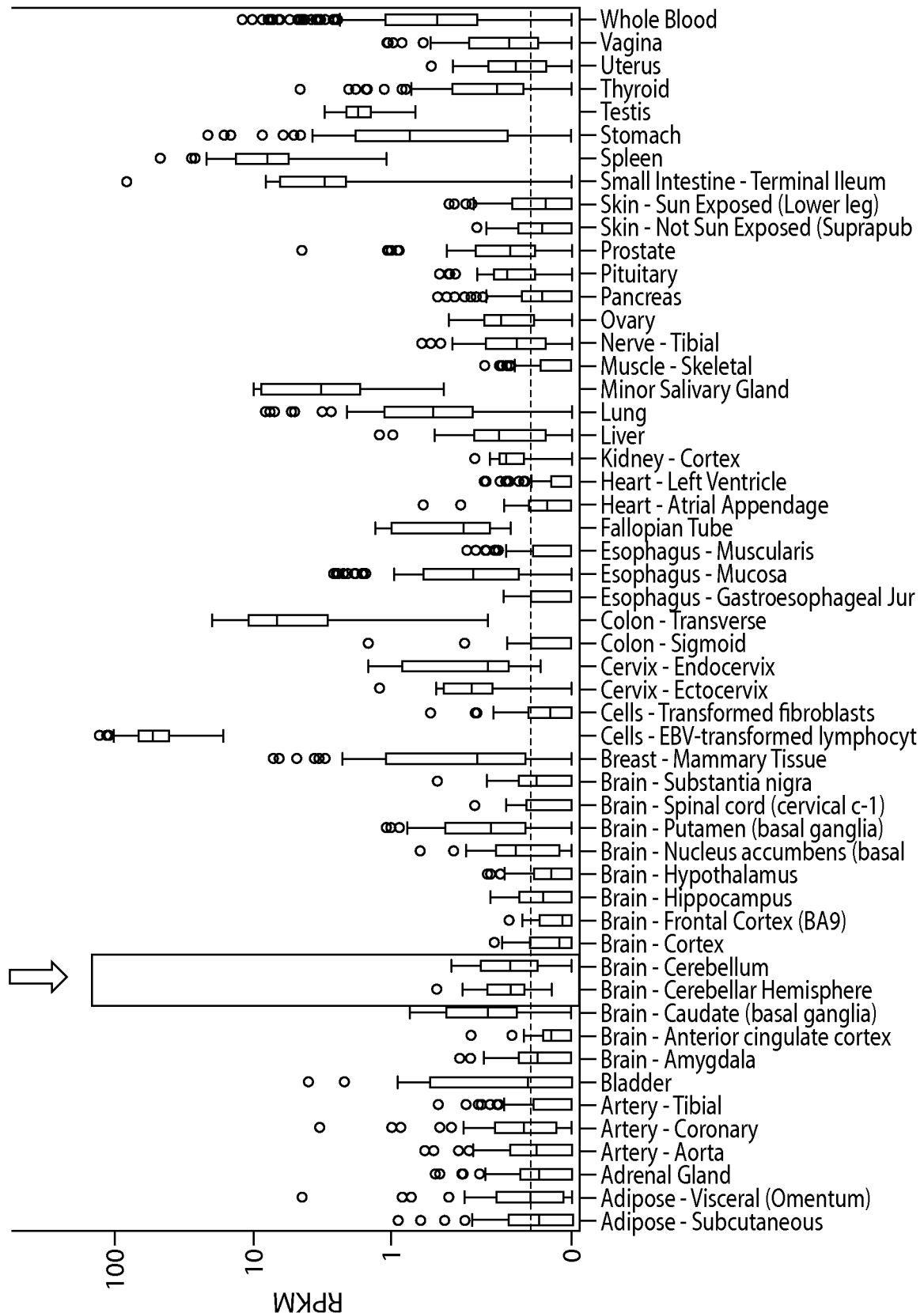


FIG. 33E

49/62

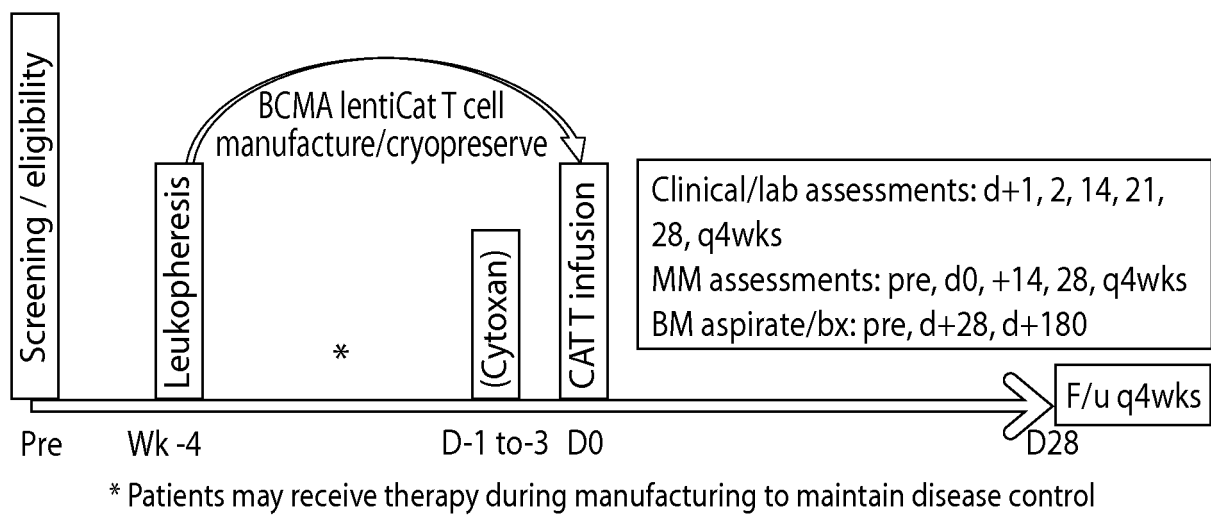


FIG. 34

50/62

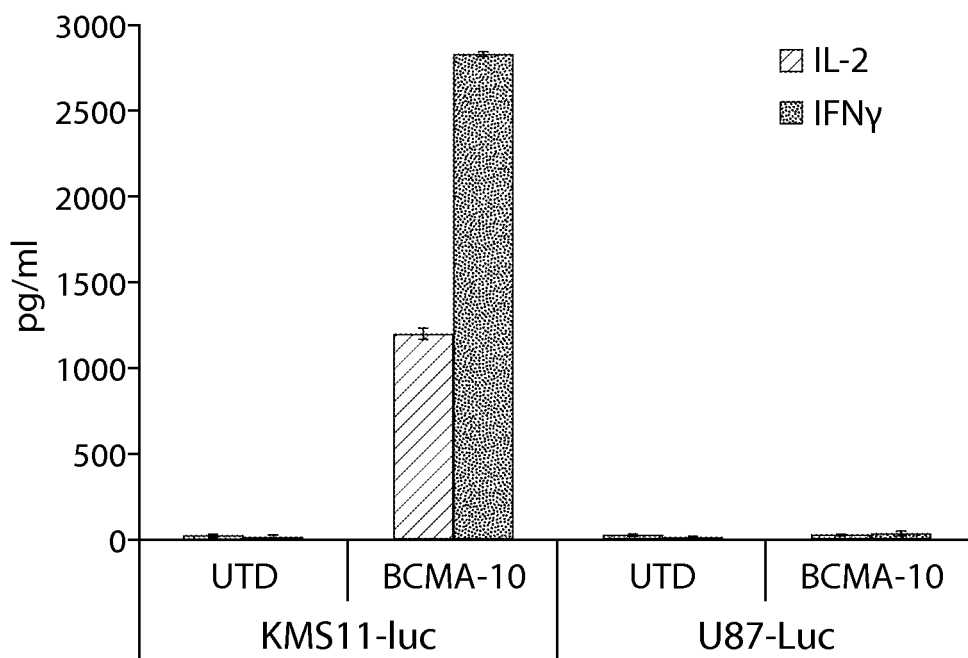


FIG. 35A

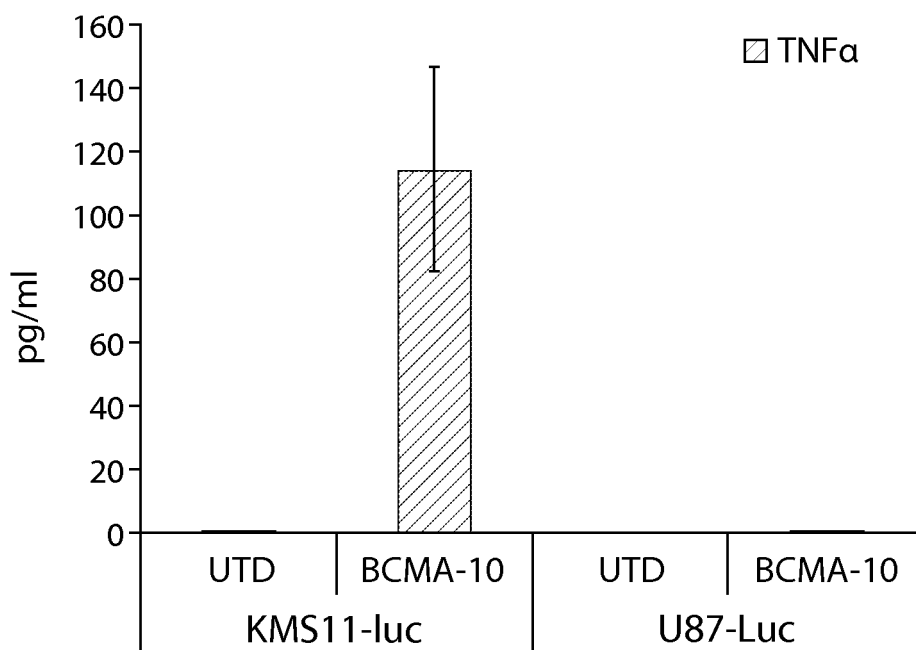


FIG. 35B

51/62

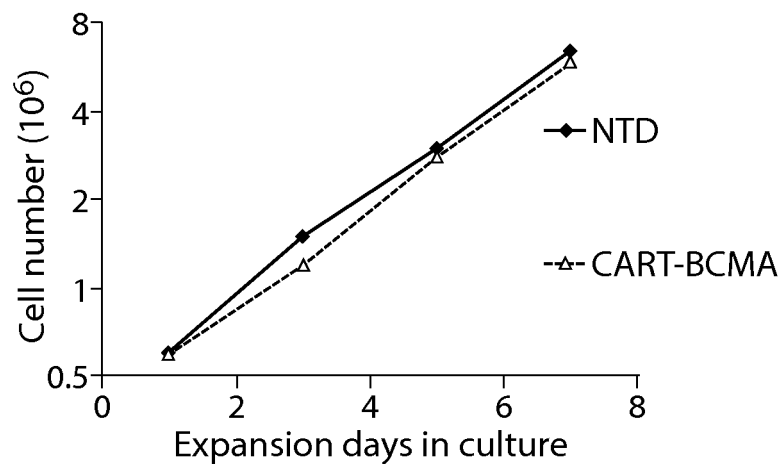


FIG. 36A

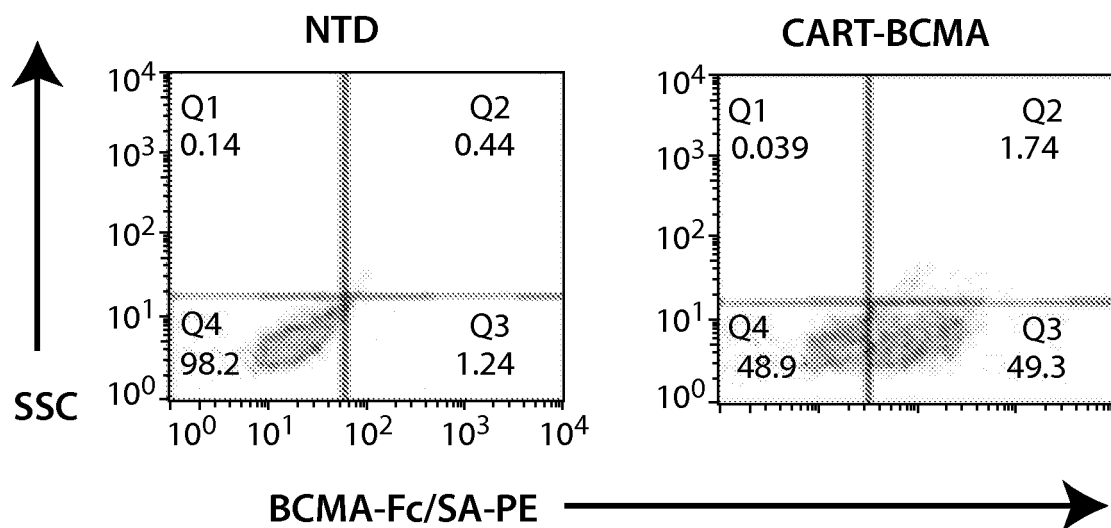


FIG. 36B

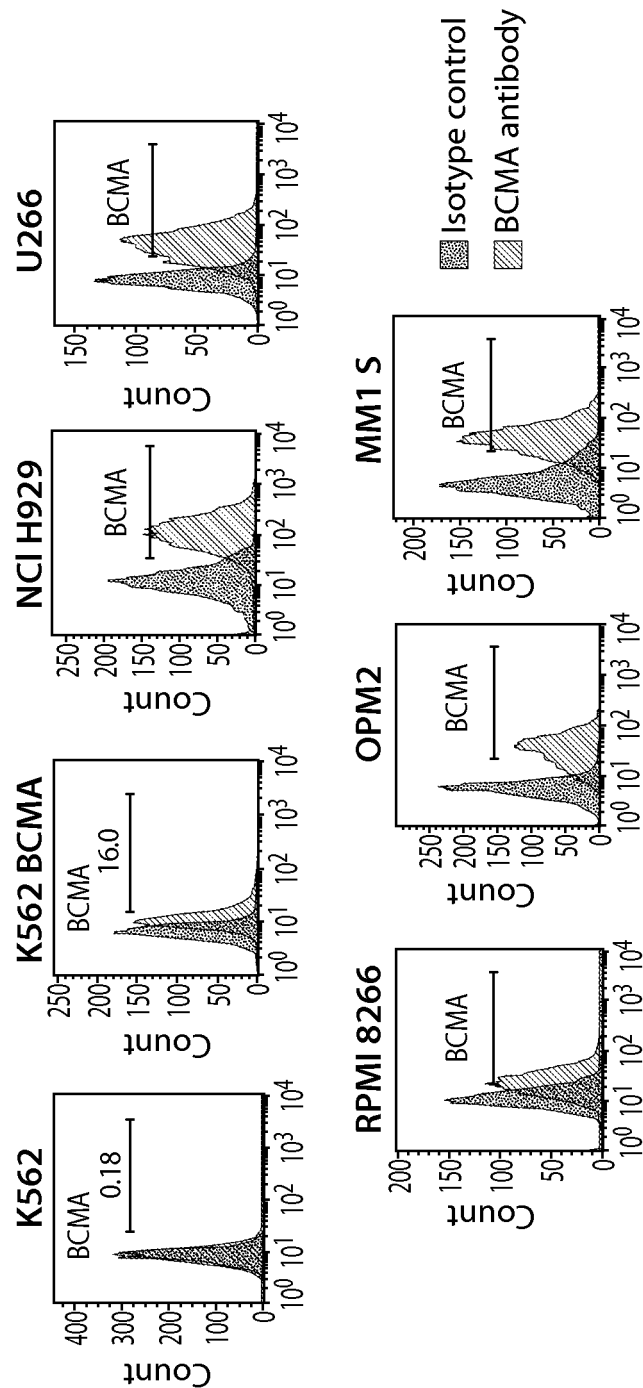


FIG. 37

53/62

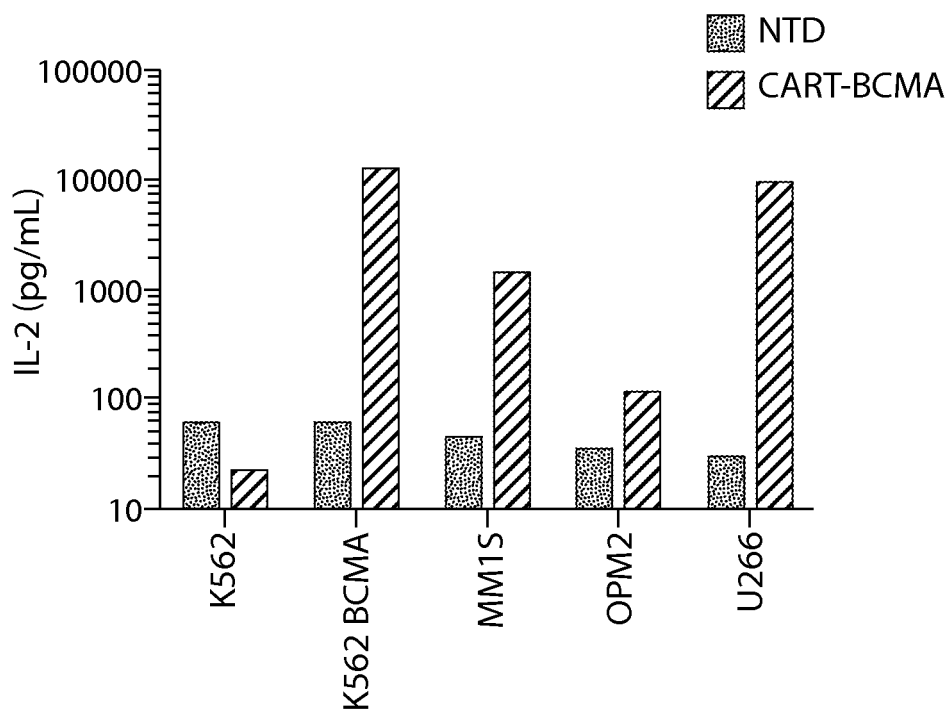


FIG. 38A

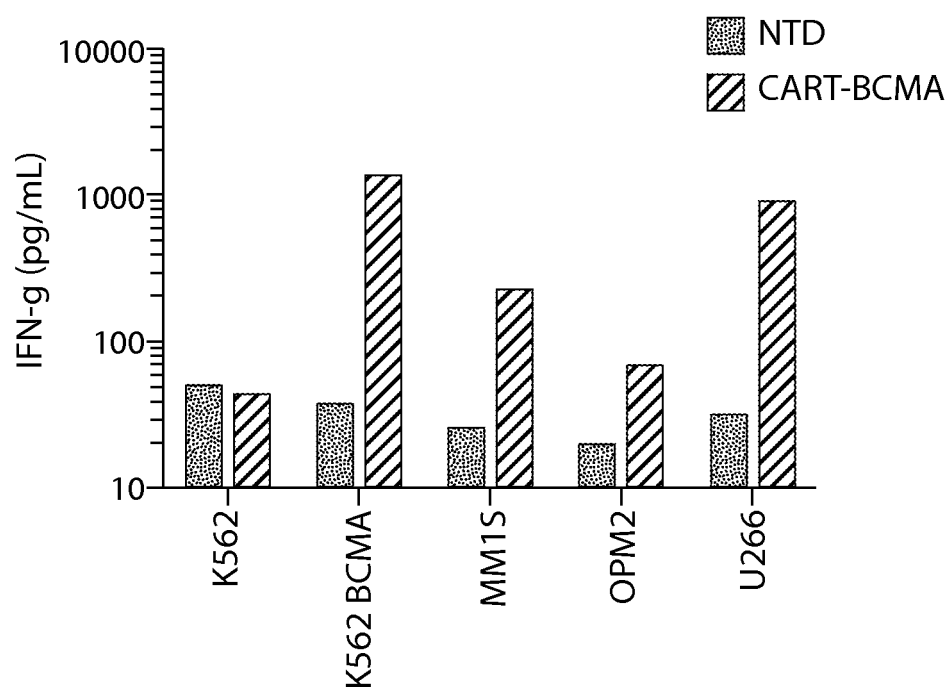


FIG. 38B

54/62

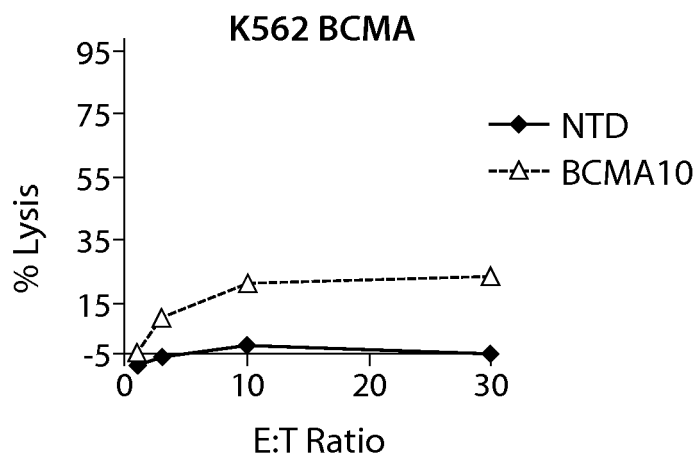


FIG. 39A

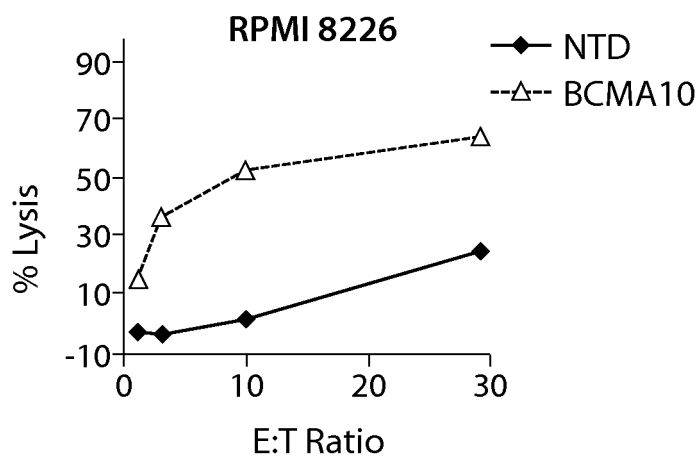


FIG. 39B

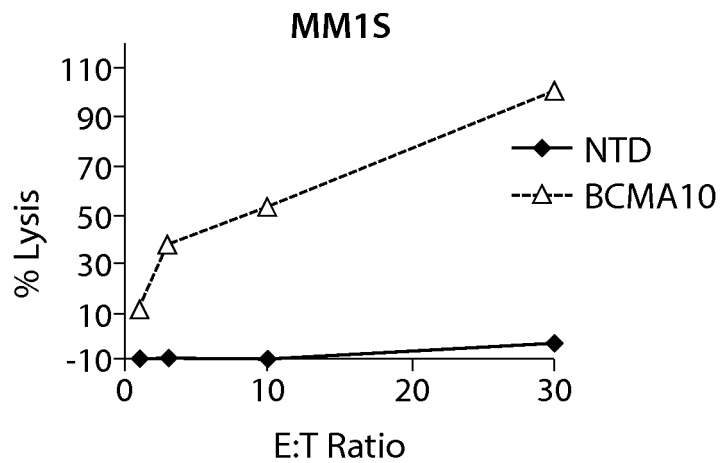


FIG. 39C

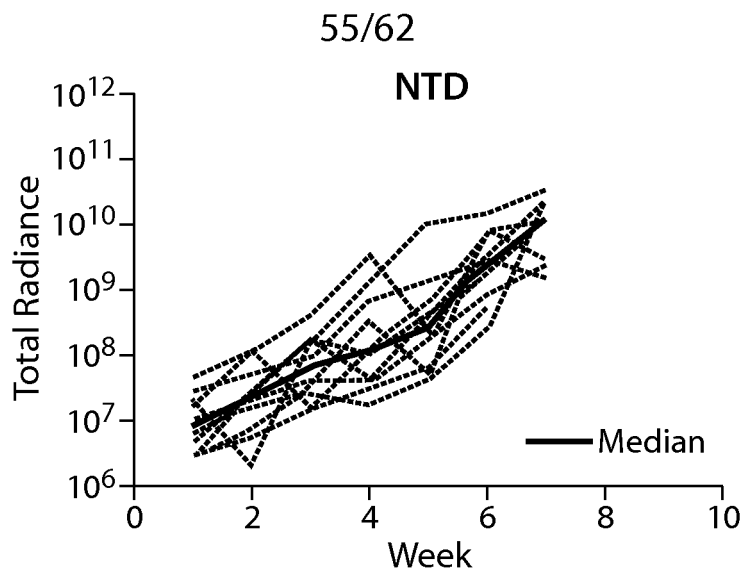


FIG. 40A

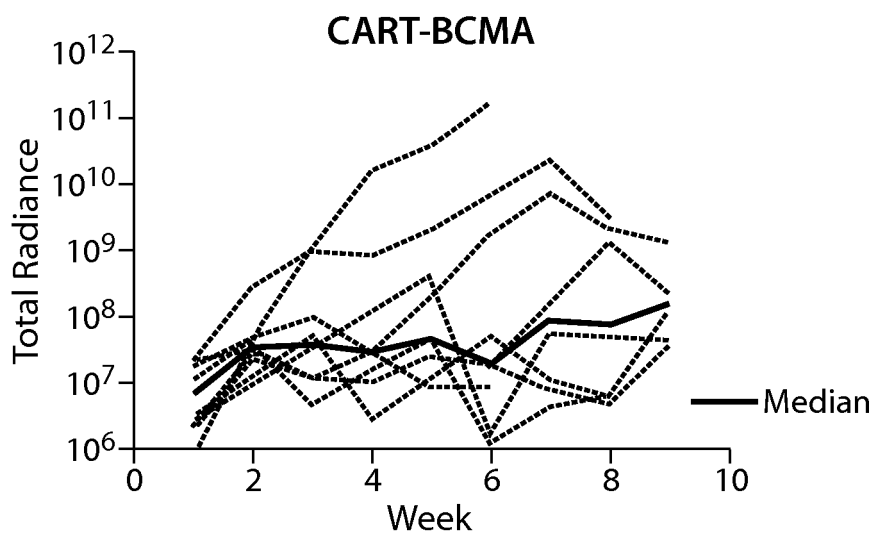


FIG. 40B

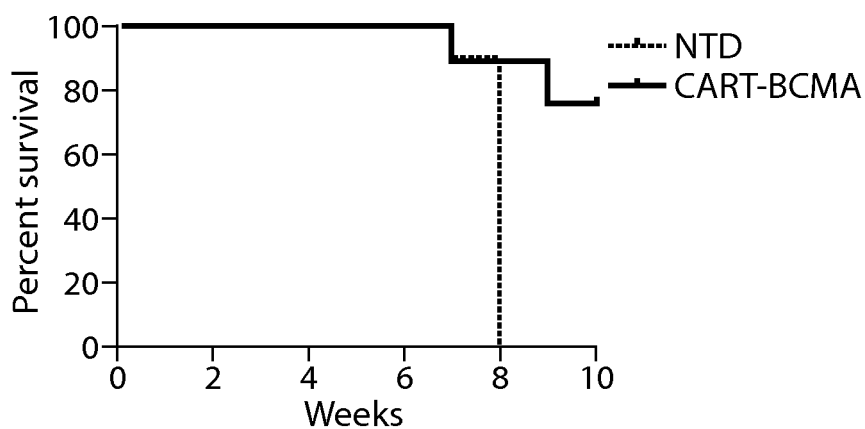
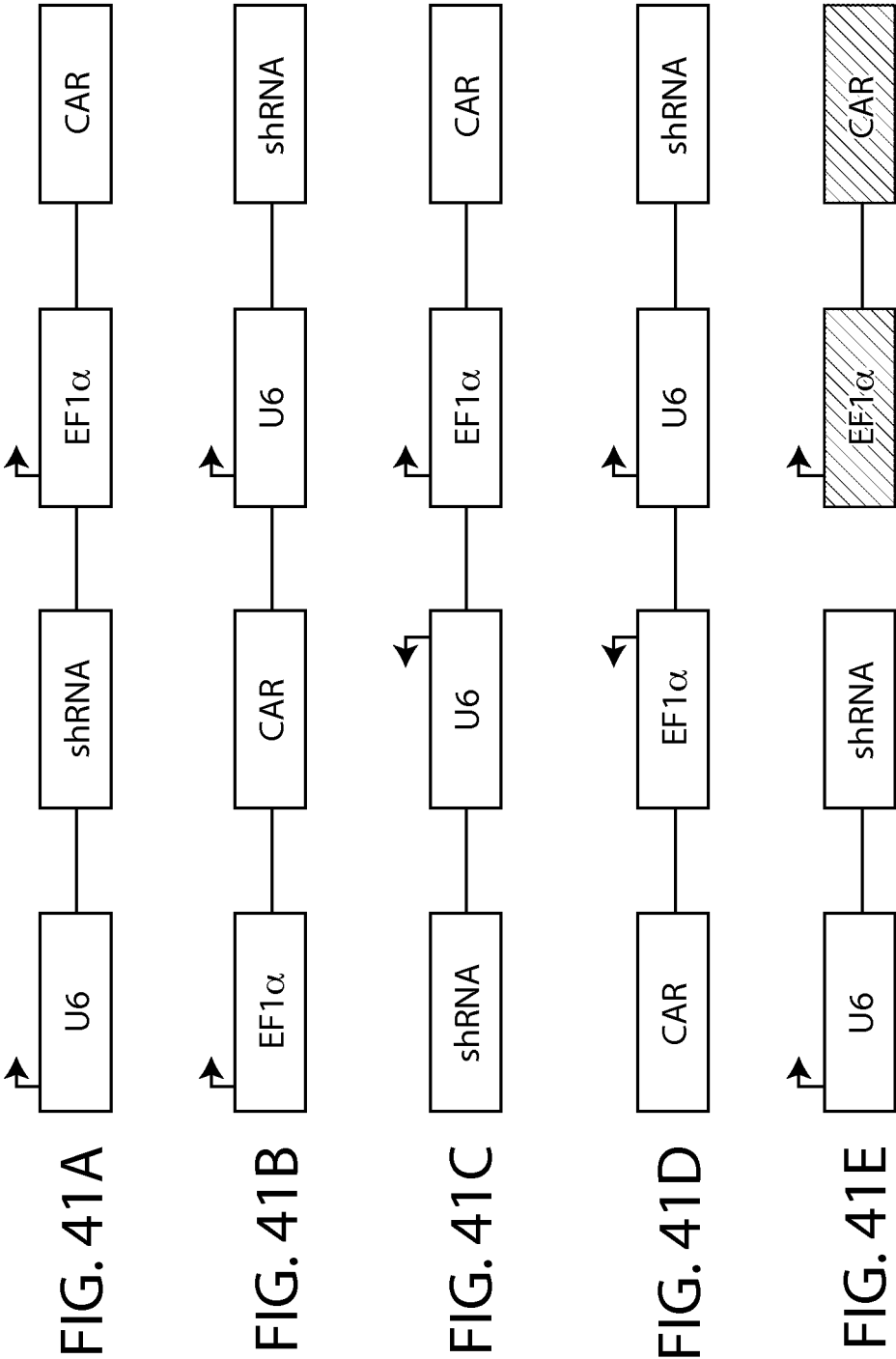


FIG. 40C

Vector constructs



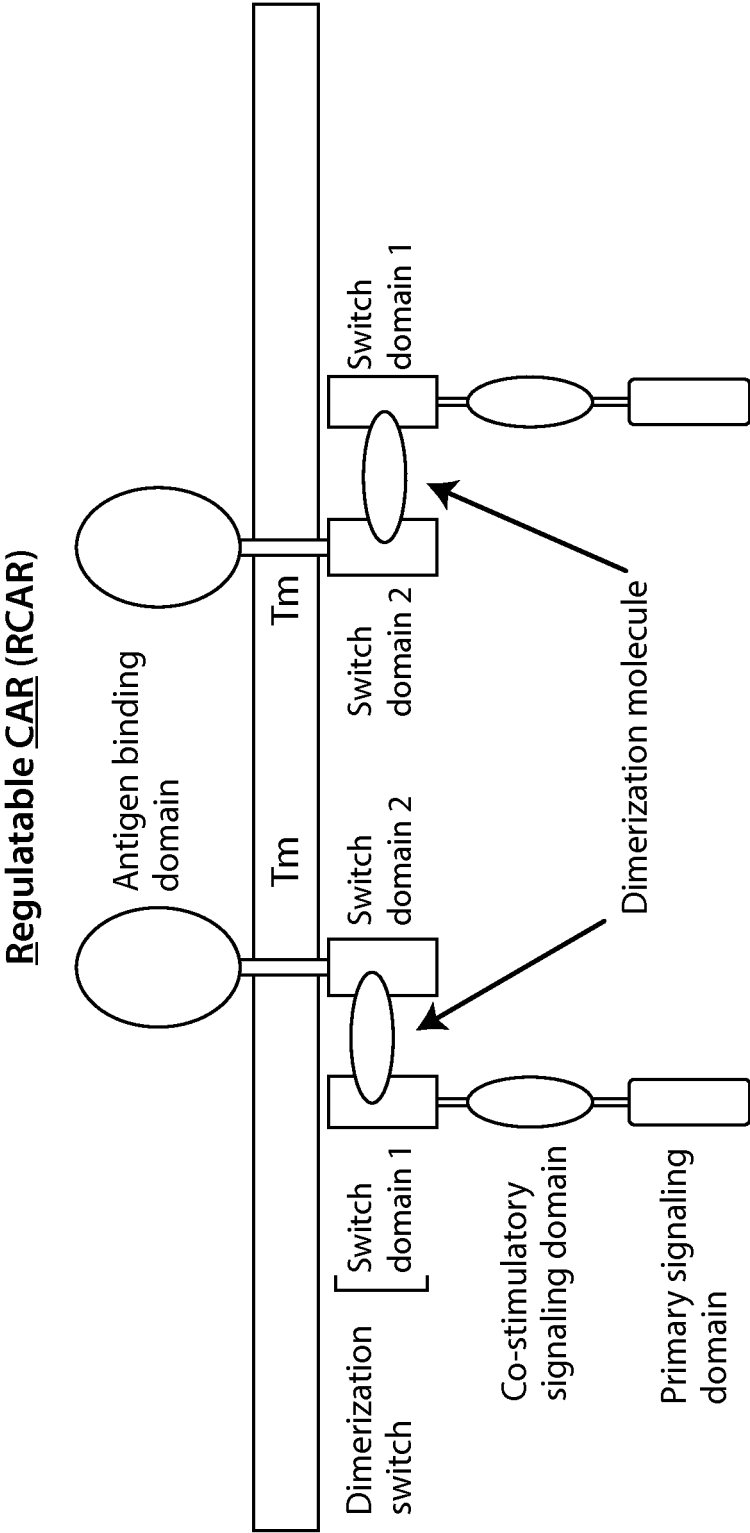


Fig. 42

58/62

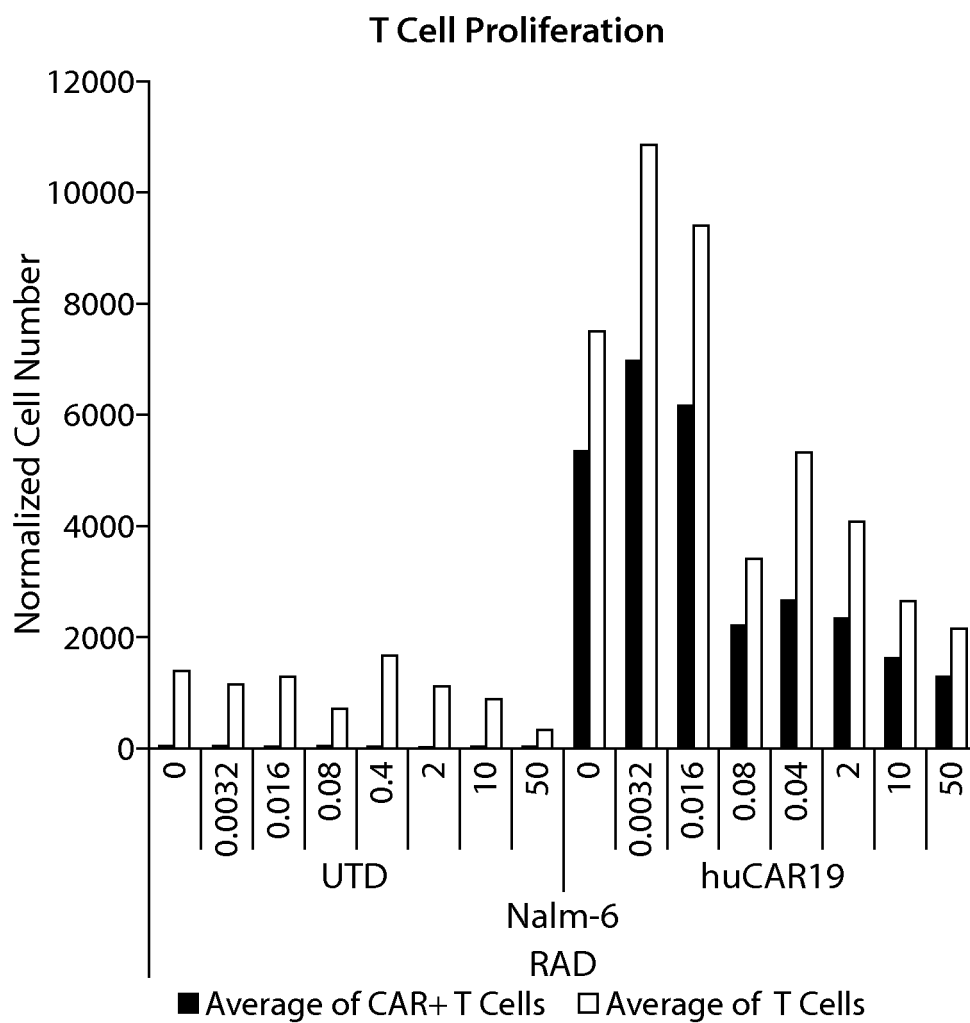


FIG. 43

59/62

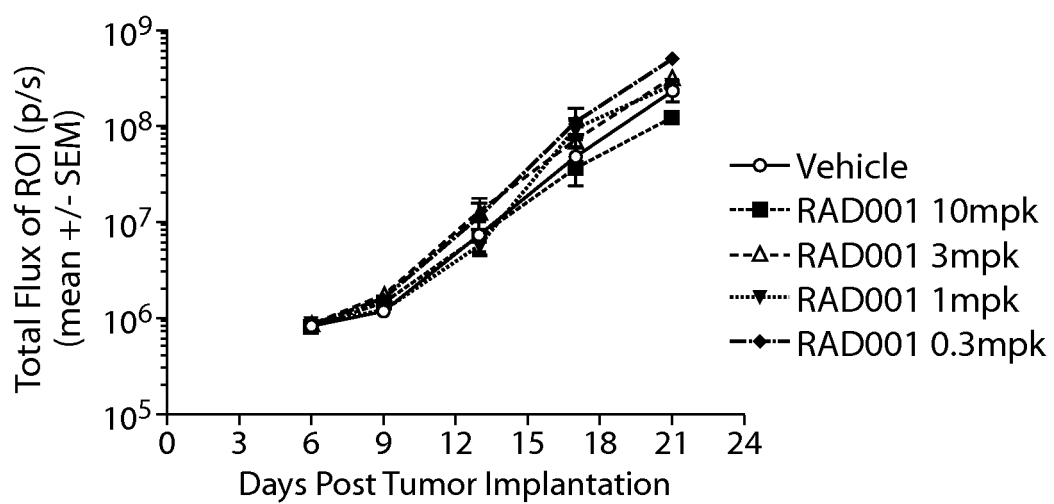


FIG. 44

60/62

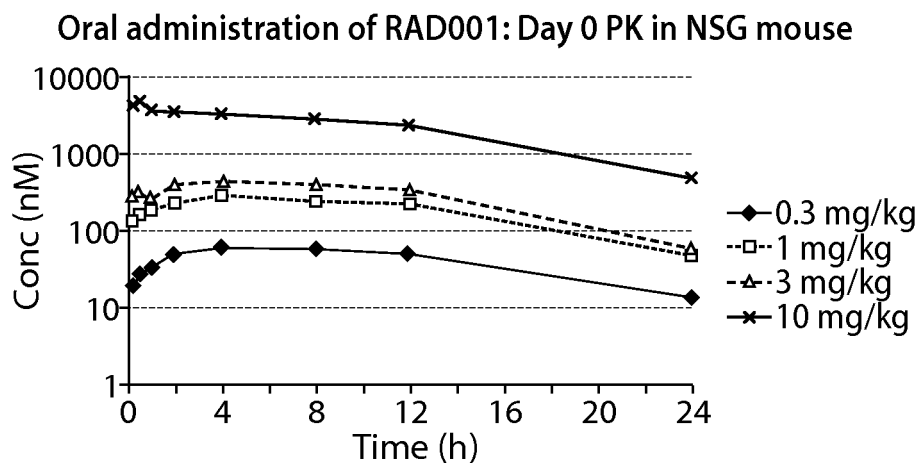


FIG. 45A

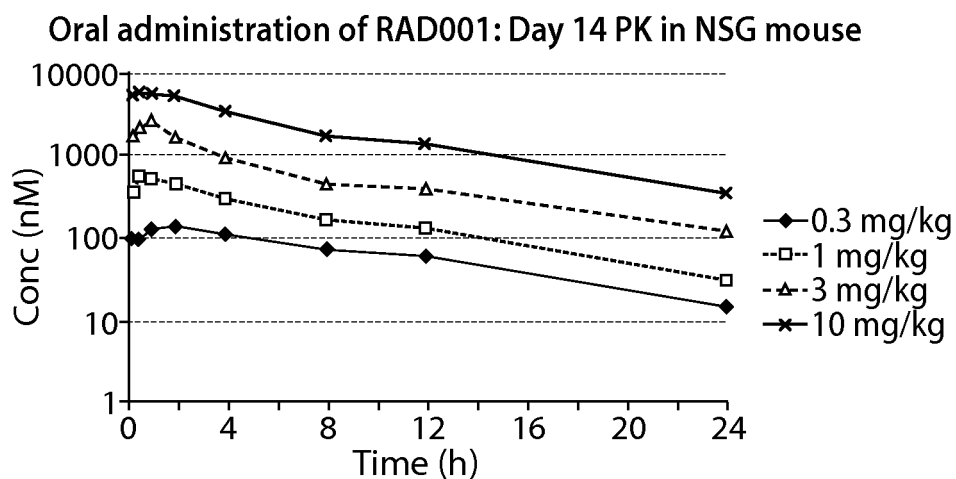


FIG. 45B

61/62

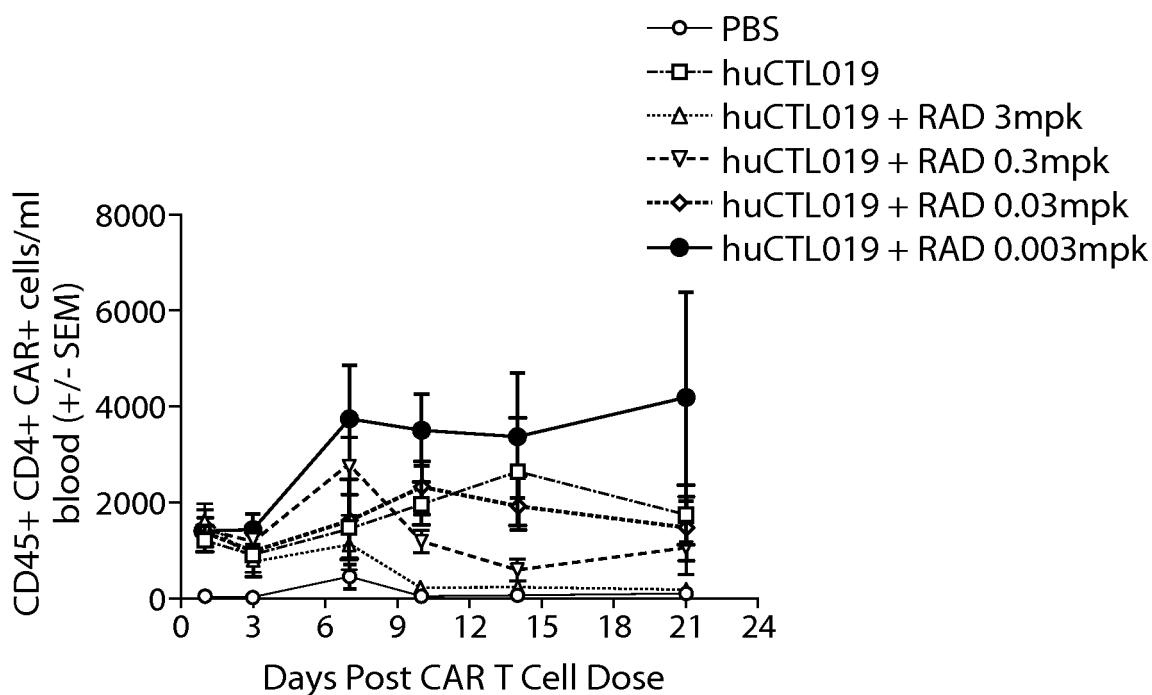


FIG. 46A

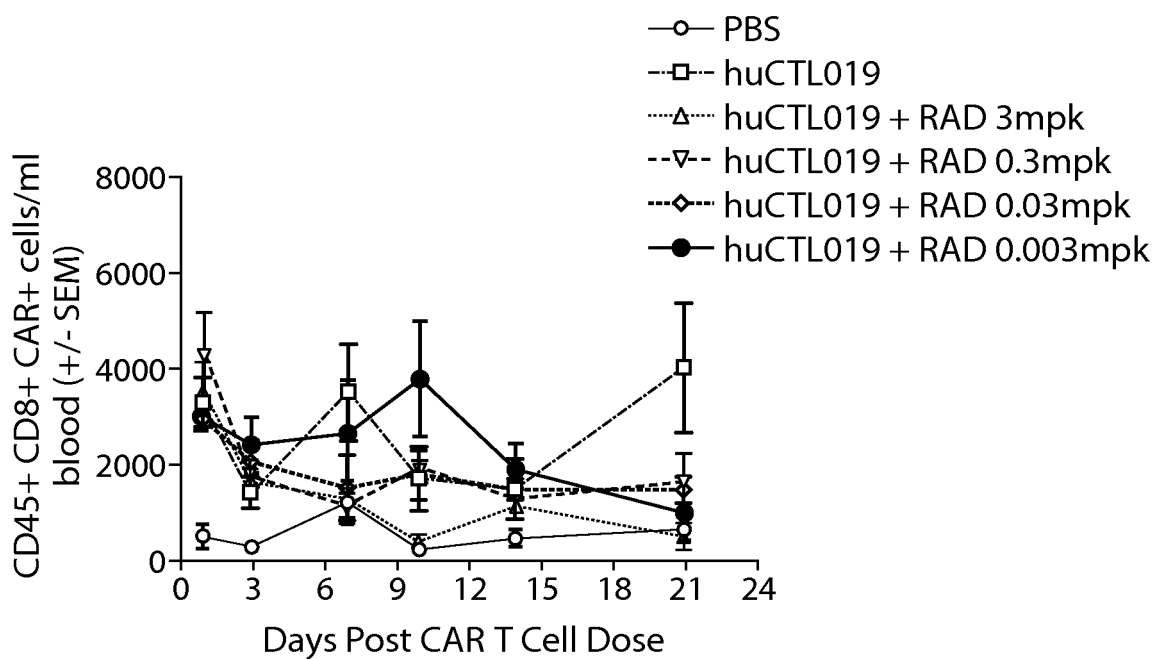
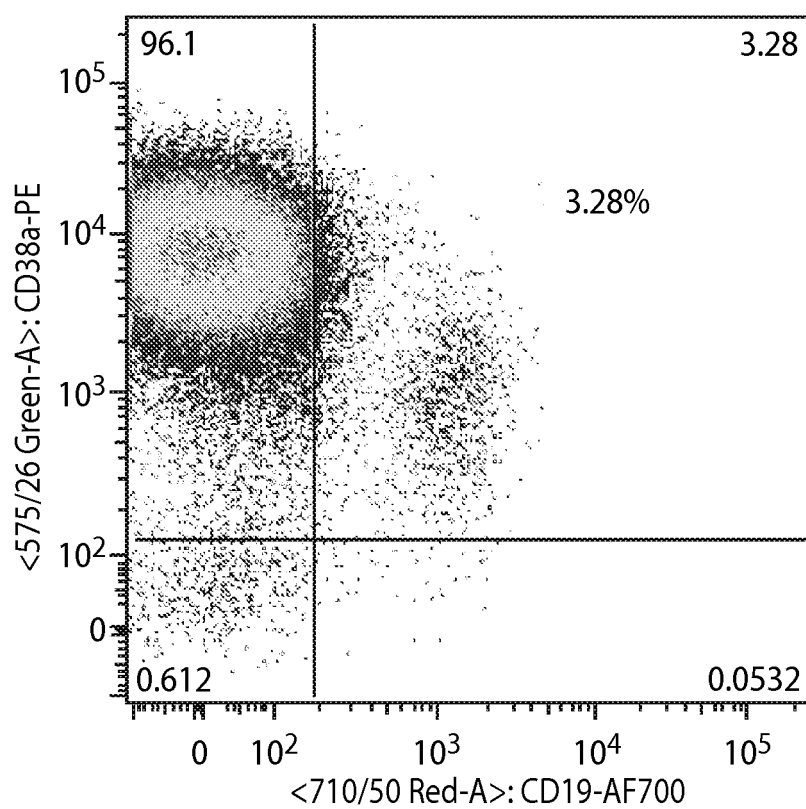


FIG. 46B

62/62



CD138+ CD45 dim tumor cells stained for CD19 (x-axis) and CD38 (y-axis)

FIG. 47