

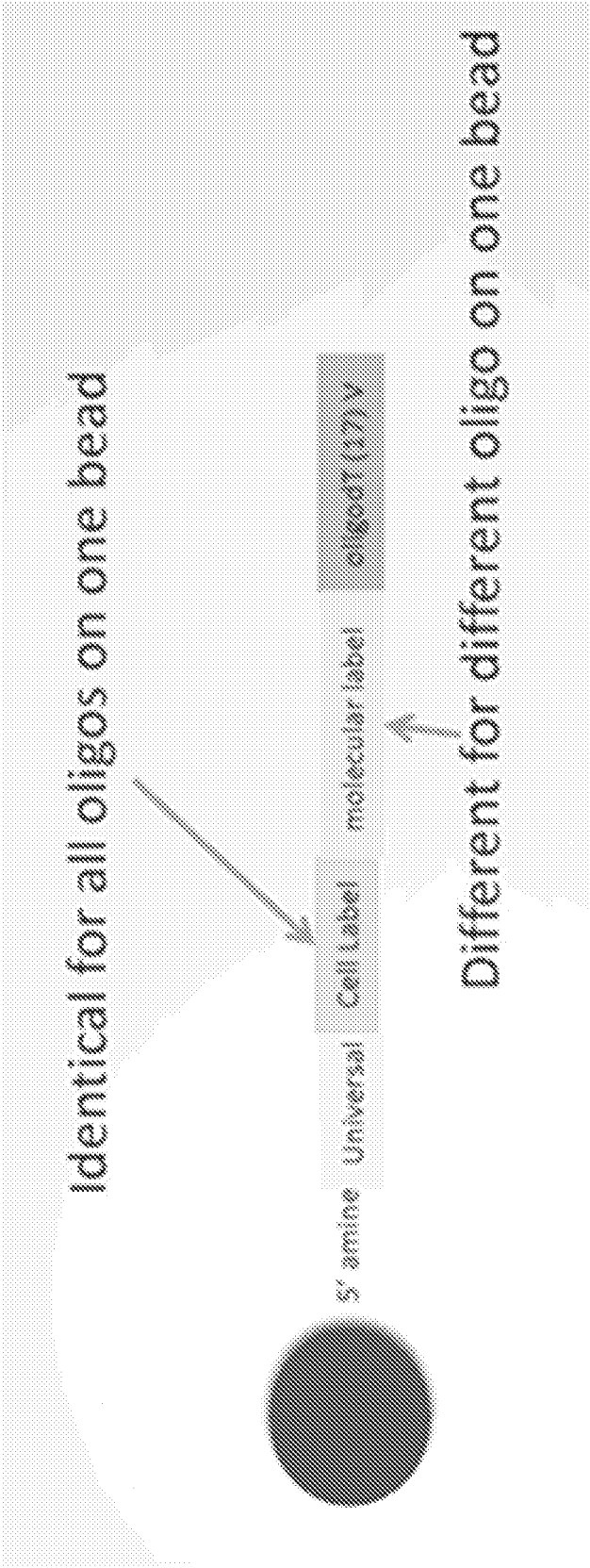


FIG. 1

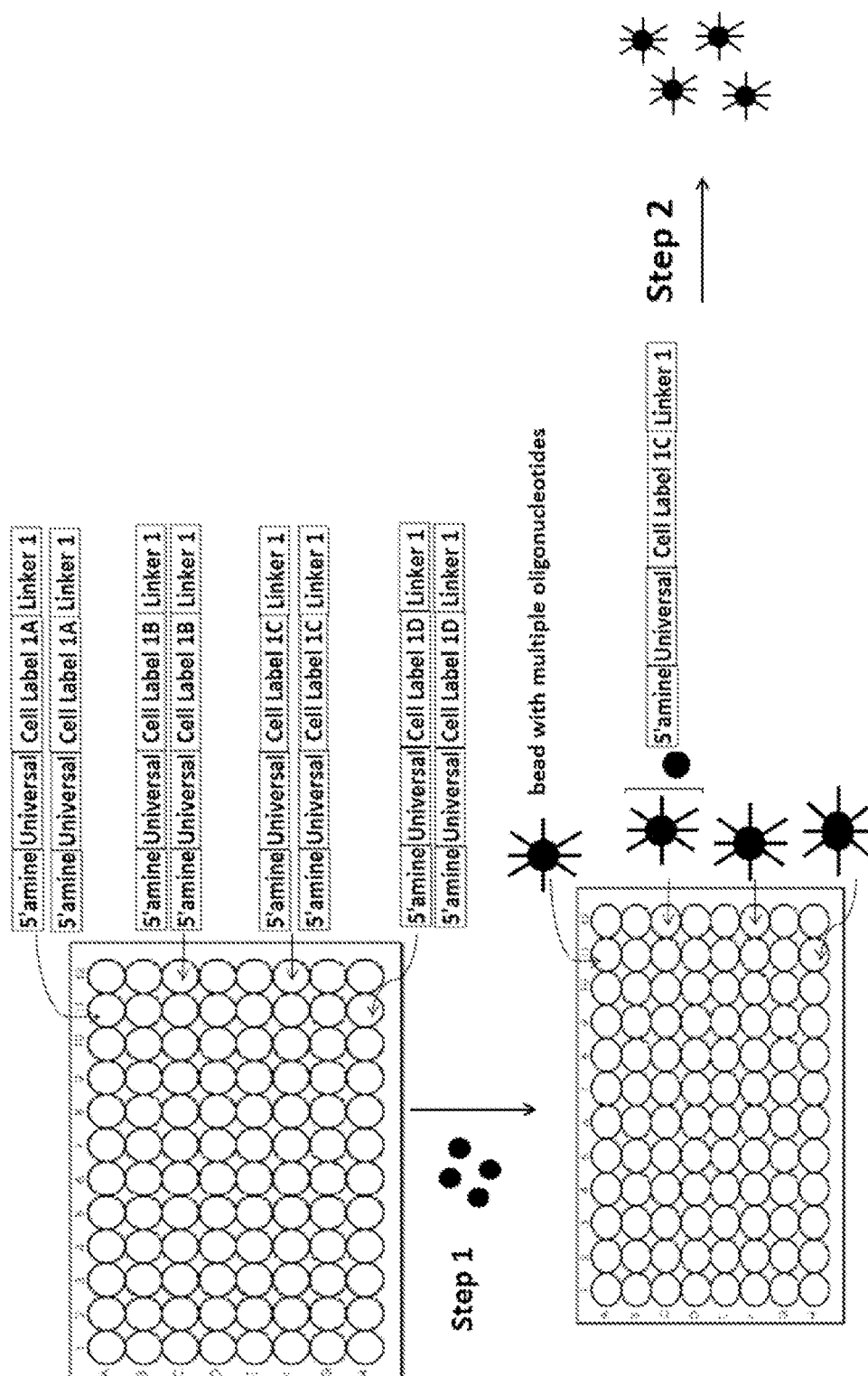


FIG. 2A

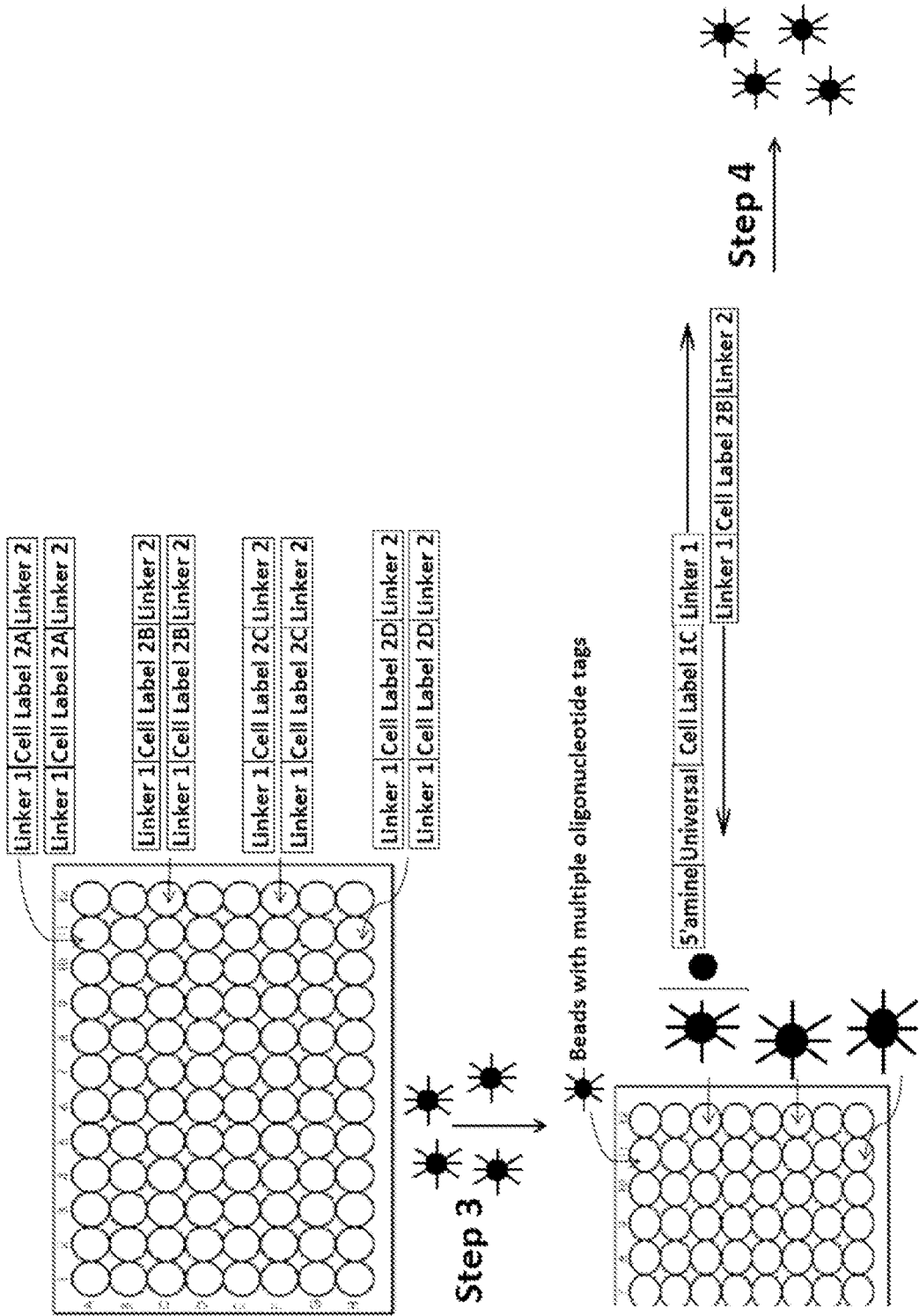


FIG. 2B

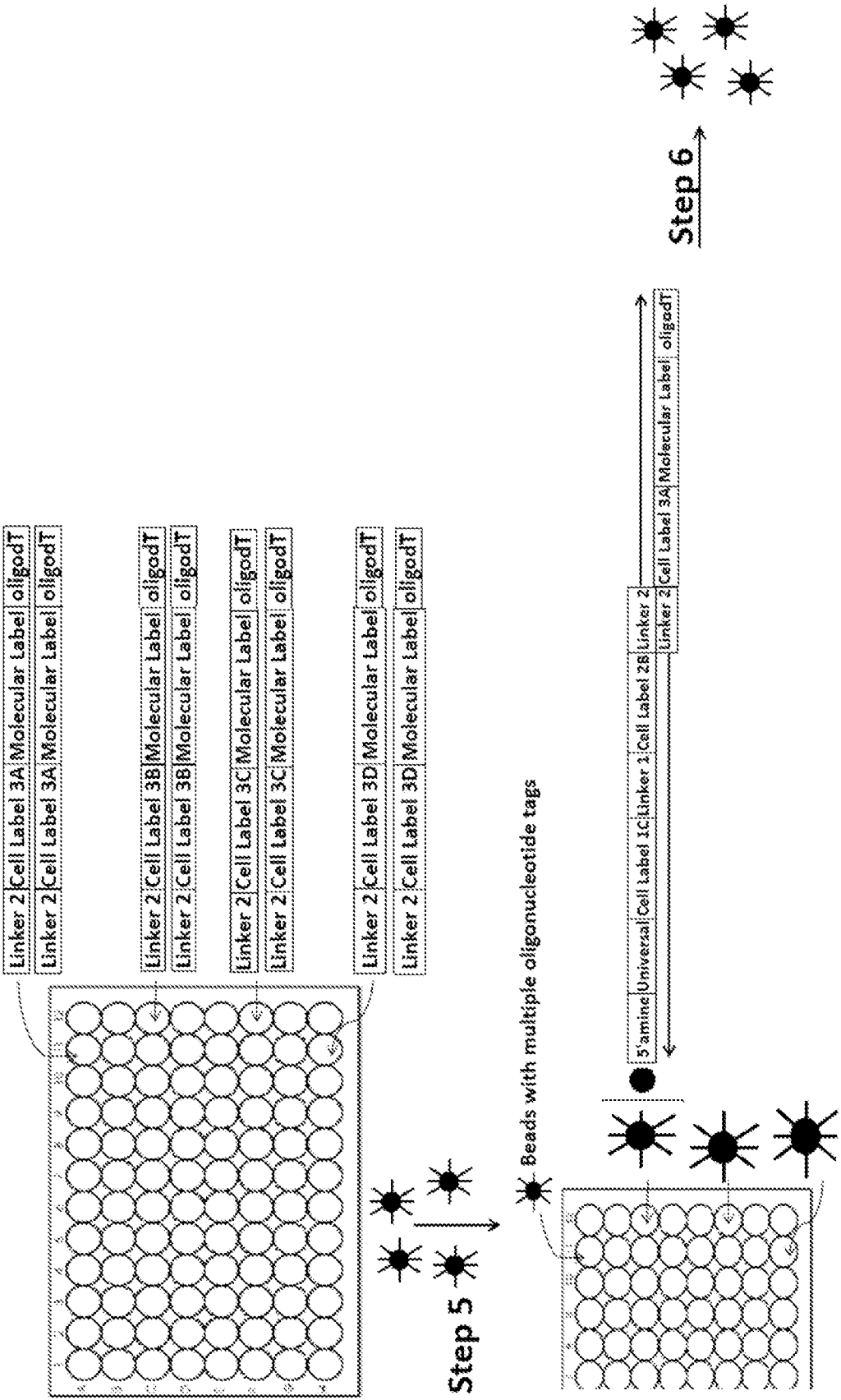


FIG. 2C

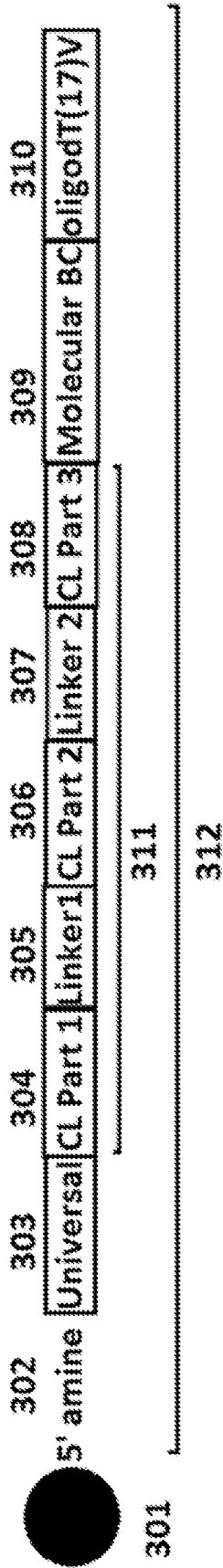


FIG. 3

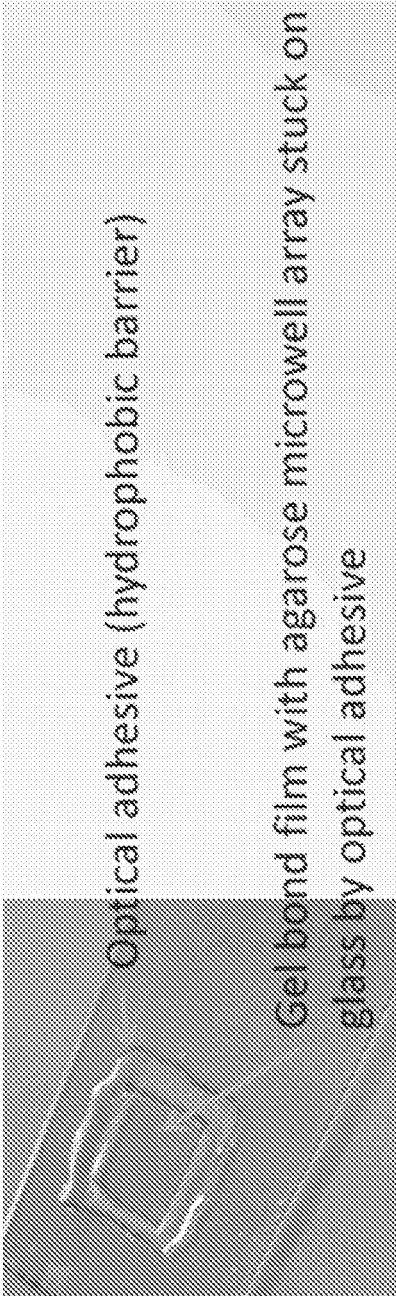


FIG. 4

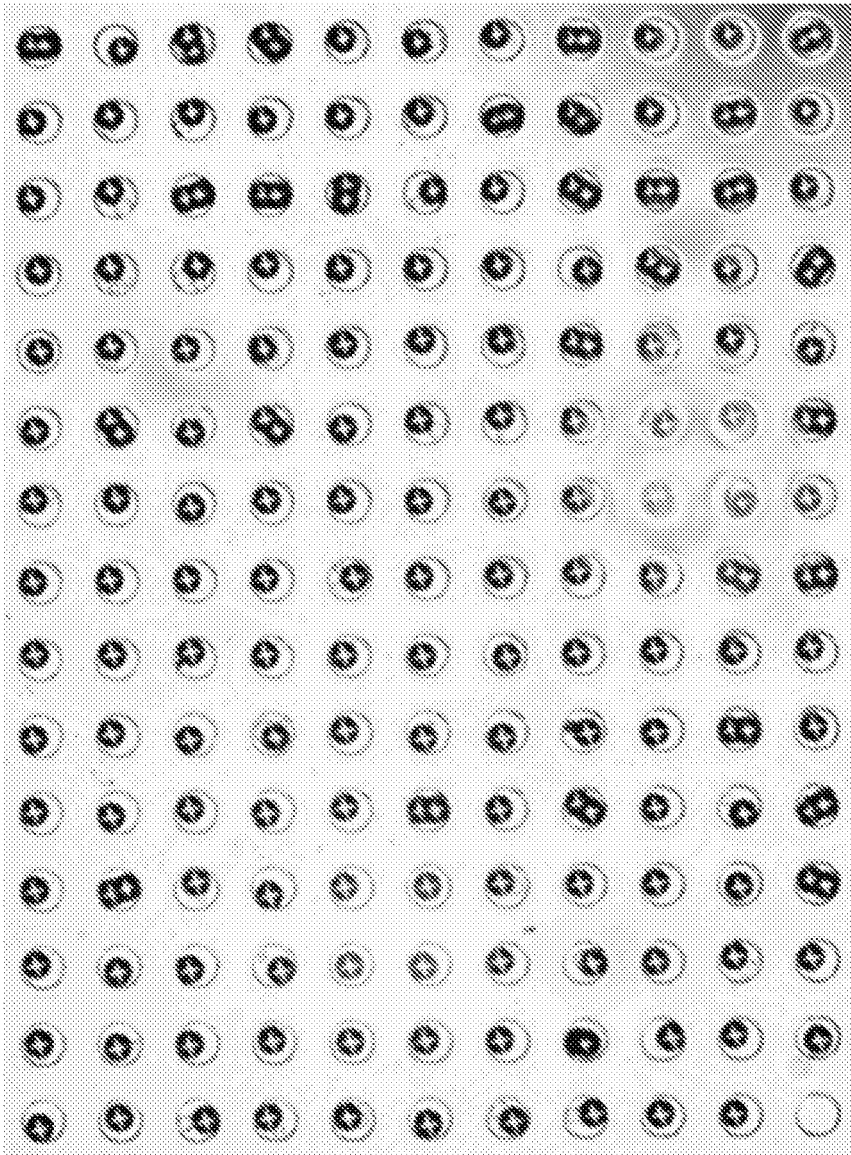


FIG. 5

7/116



FIG. 6A

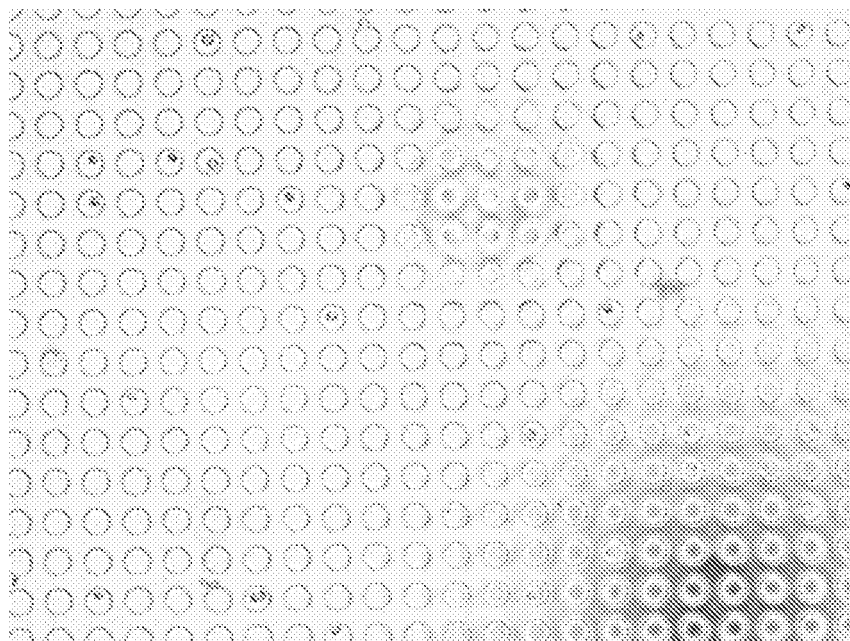


FIG. 6B

8/116

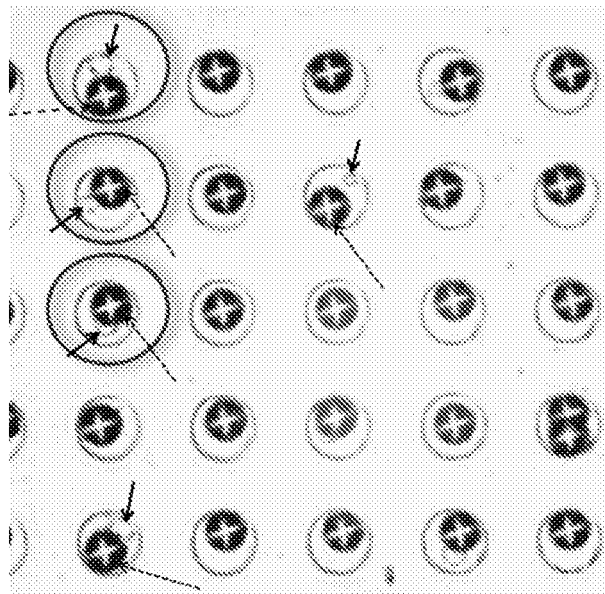


FIG. 6C

well volume	2.12E-14	m ³
bead volume	4.19E-15	m ³
well volume-bead volume	1.70E-14	m ³
well volume-bead volume	1.70E-11	L
#mRNA per cell	2.50E+05	molecules
concentration of mRNA	1.47E+16	molecules per L
concentration of mRNA	2.44E-08	moles per L
concentration of mRNA	24.40	nM

FIG. 7

9/116

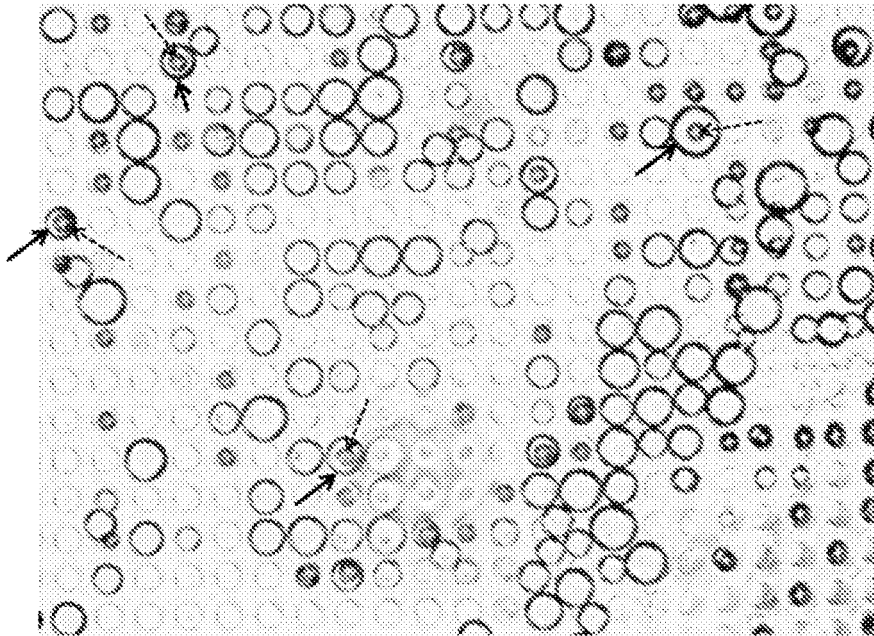


FIG. 8A

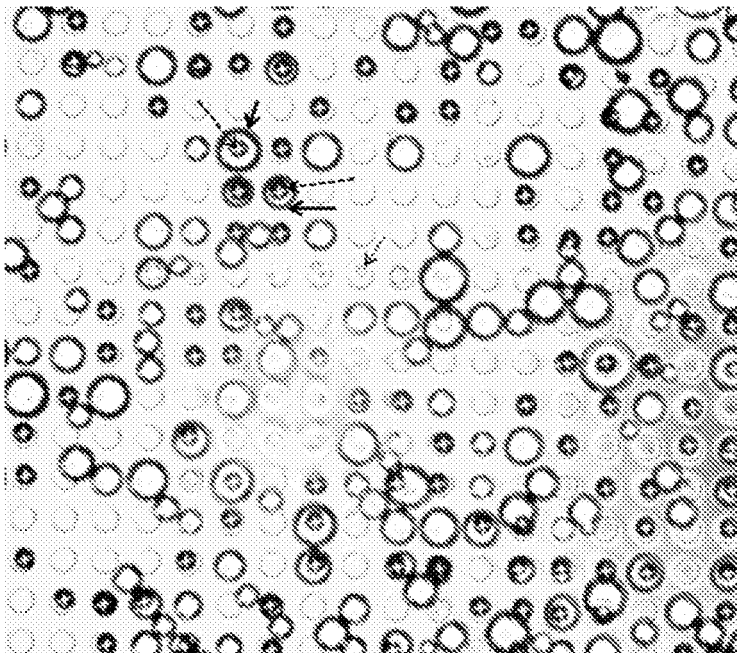


FIG. 8B

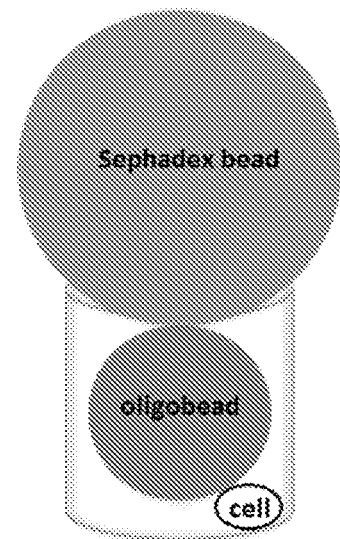


FIG. 8C

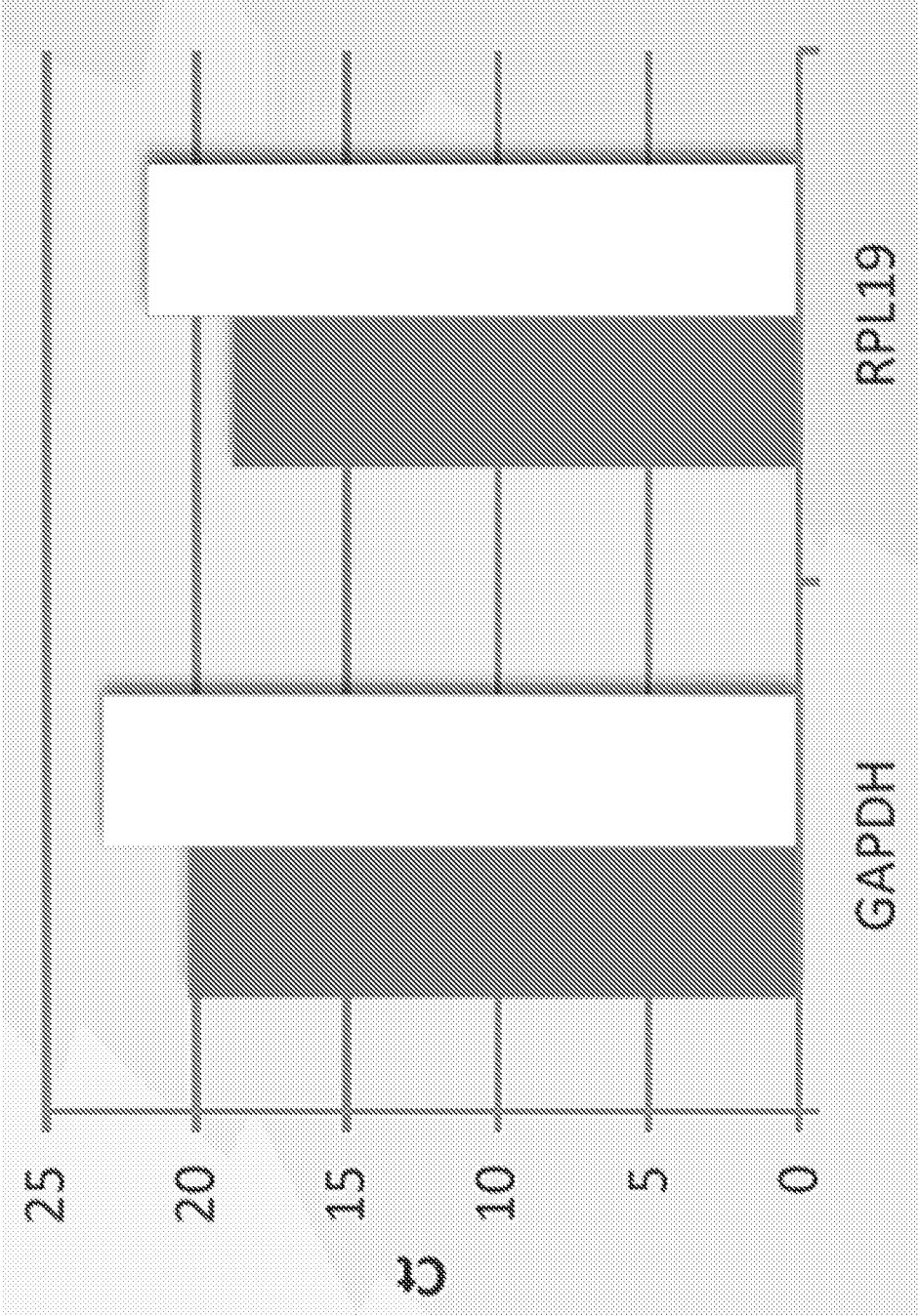


FIG. 9

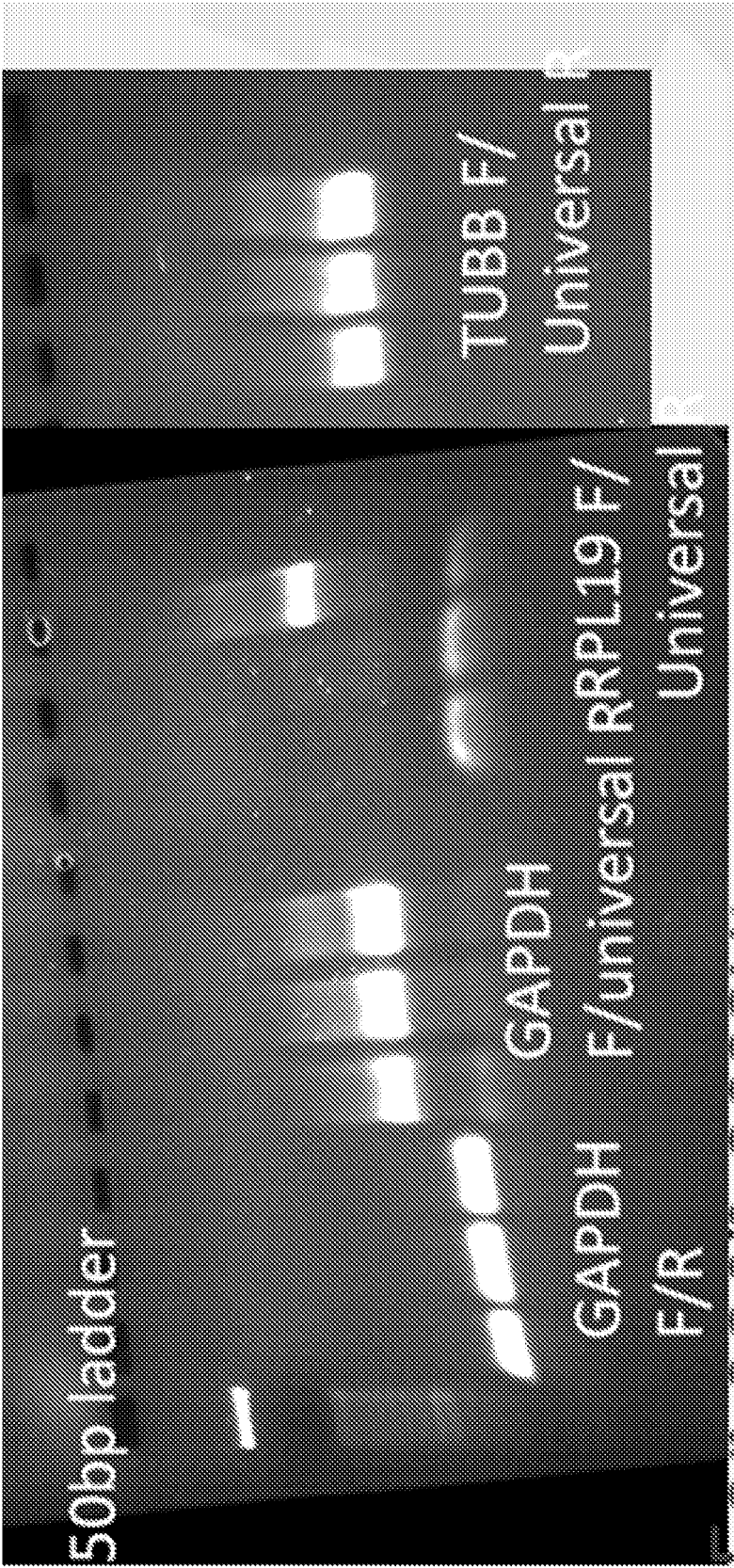


FIG. 10

12/116

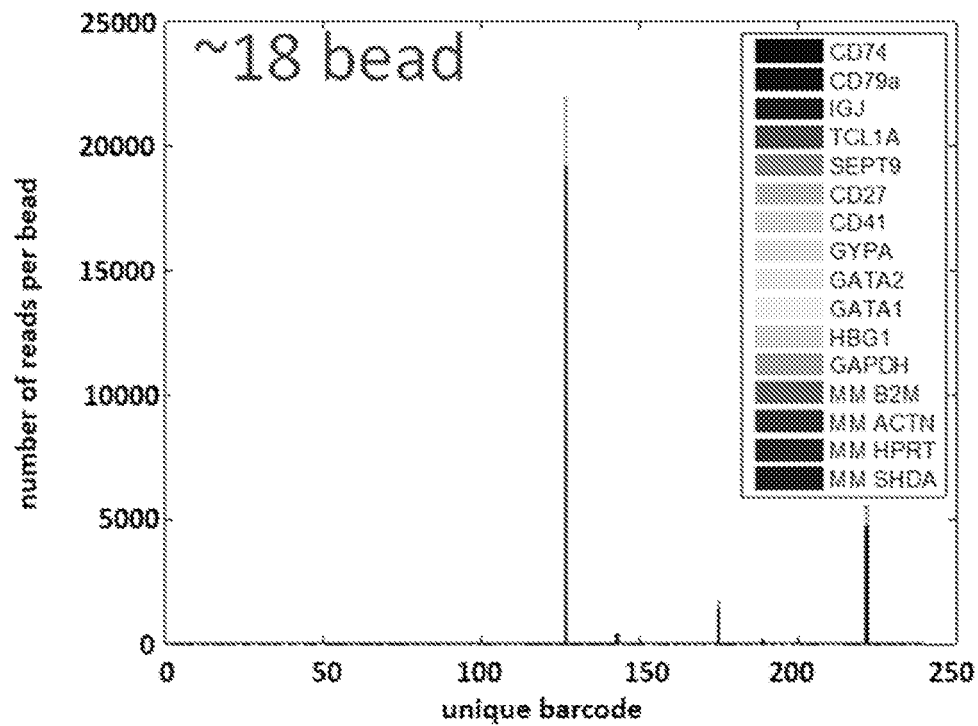


FIG. 11A

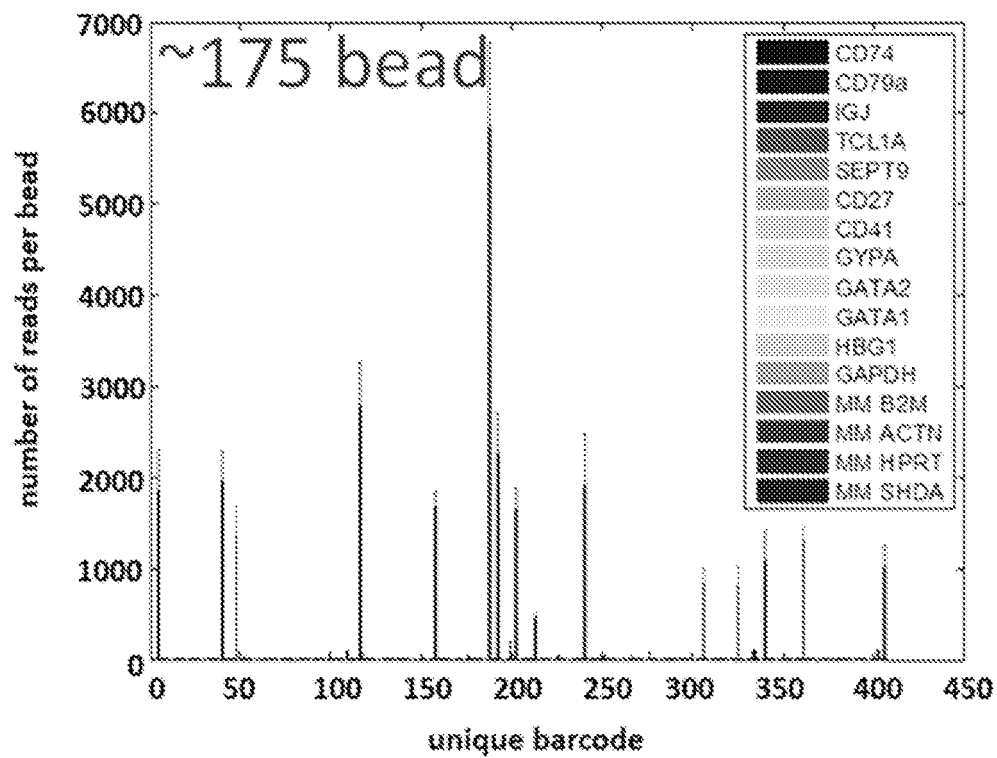


FIG. 11B

13/116

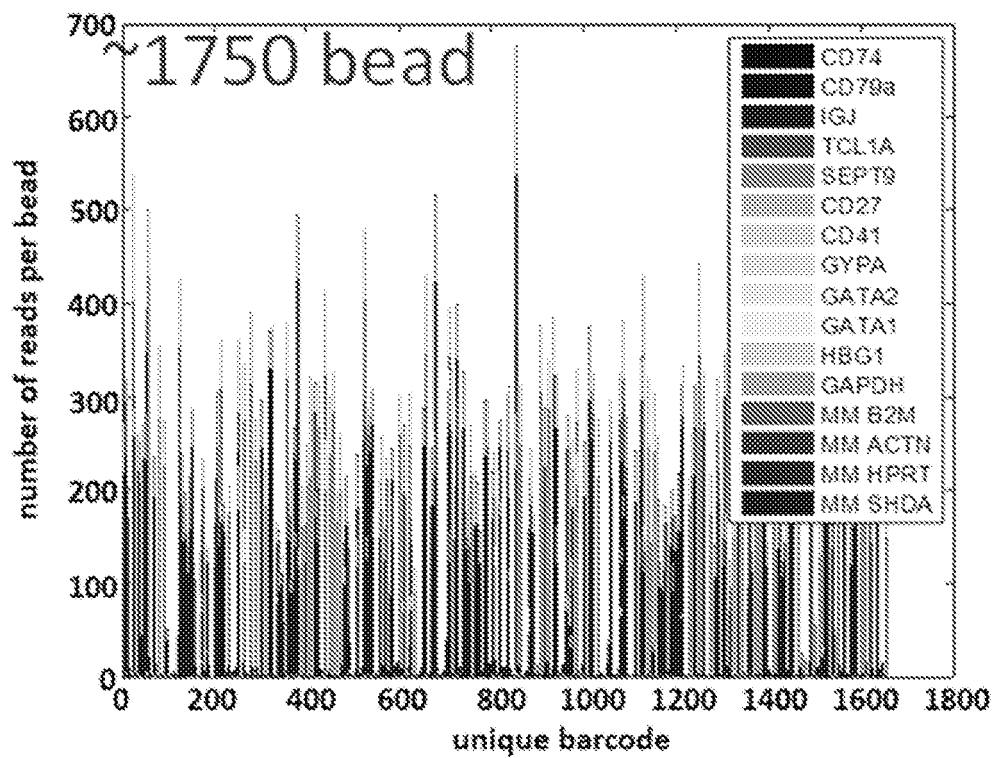


FIG. 11C

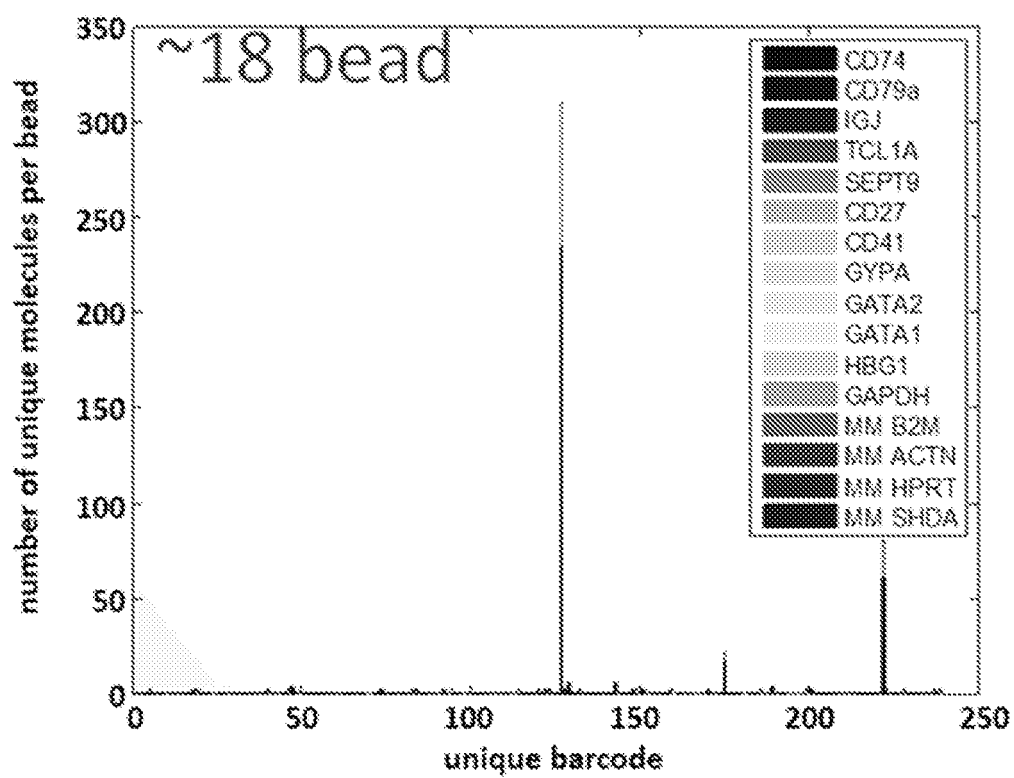


FIG. 11D

14/116

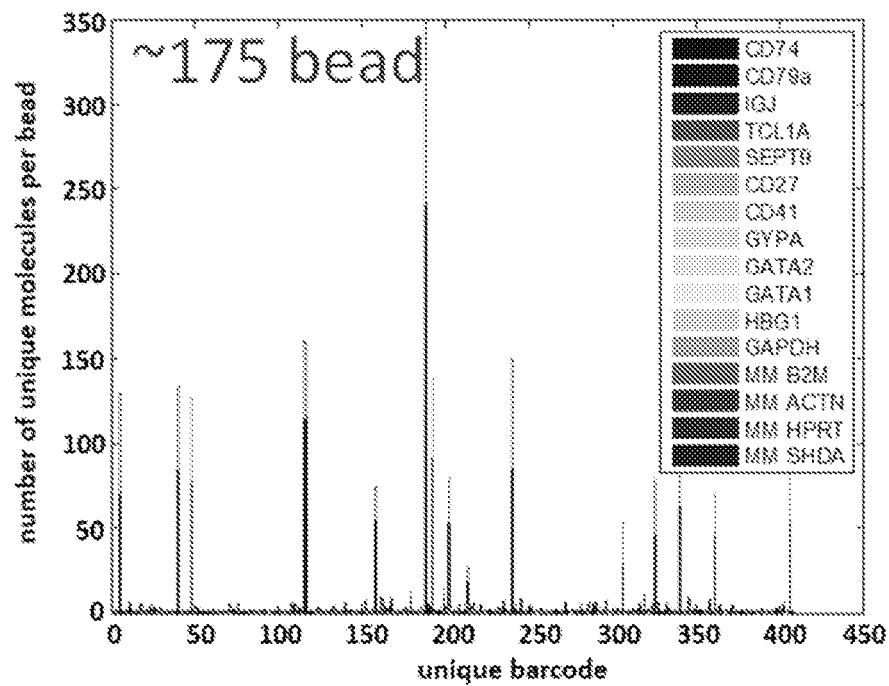


FIG. 11E

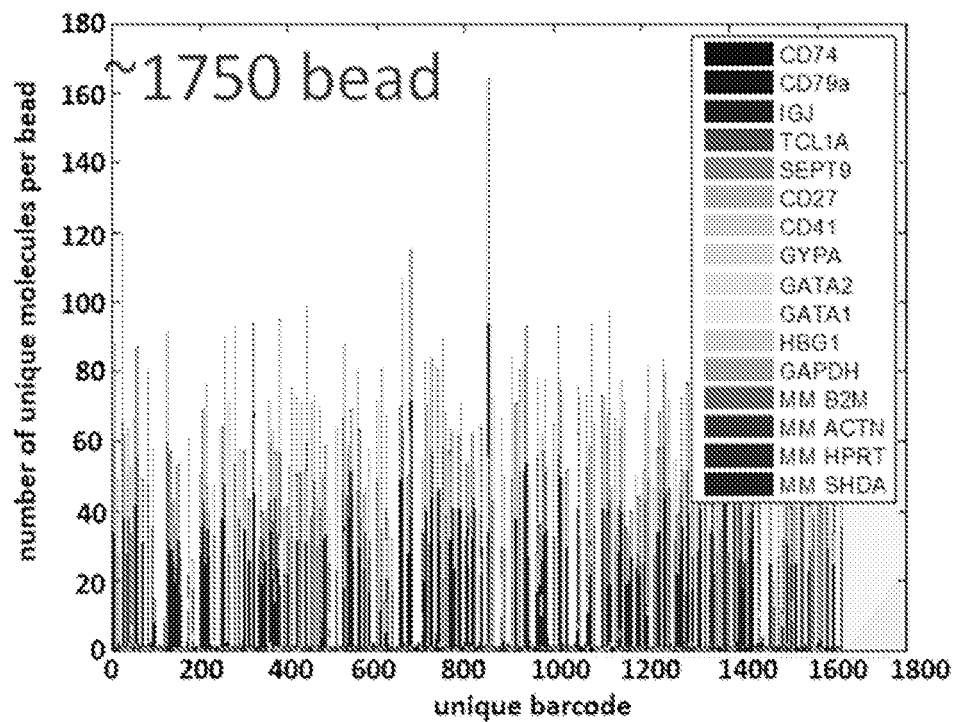


FIG. 11F

15/116

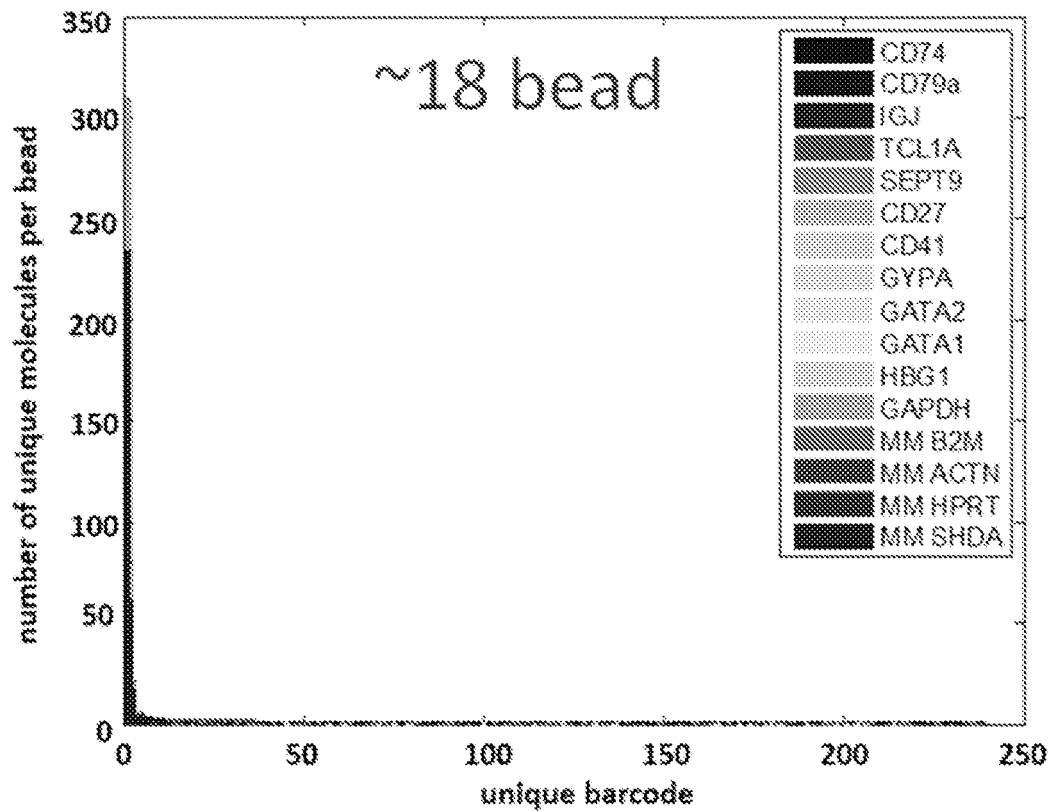


FIG. 11G

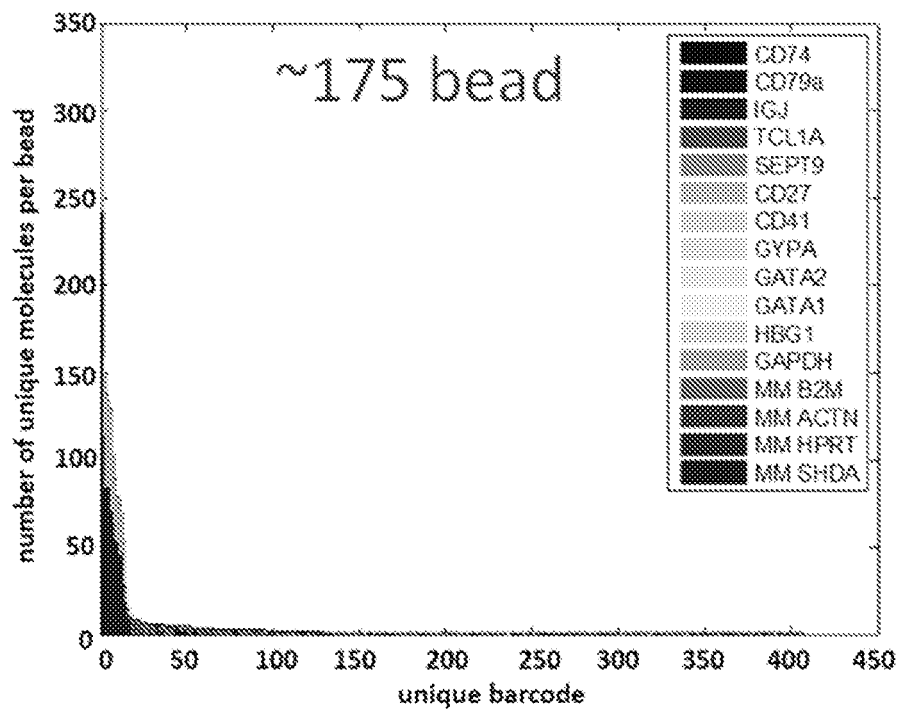


FIG. 11H

16/116

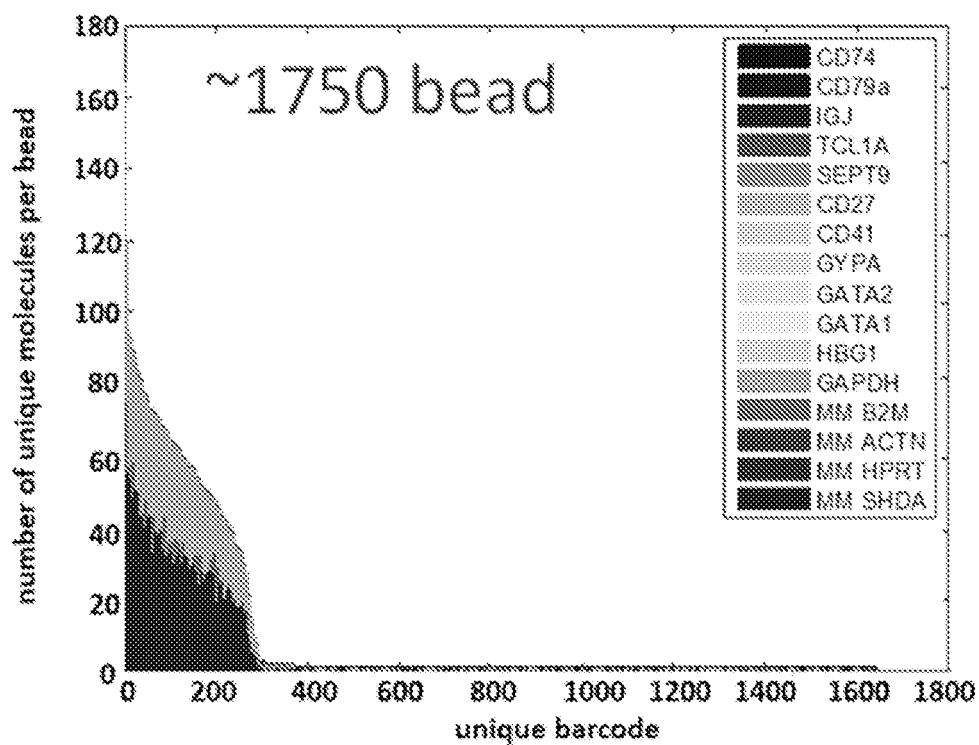


FIG. 11I

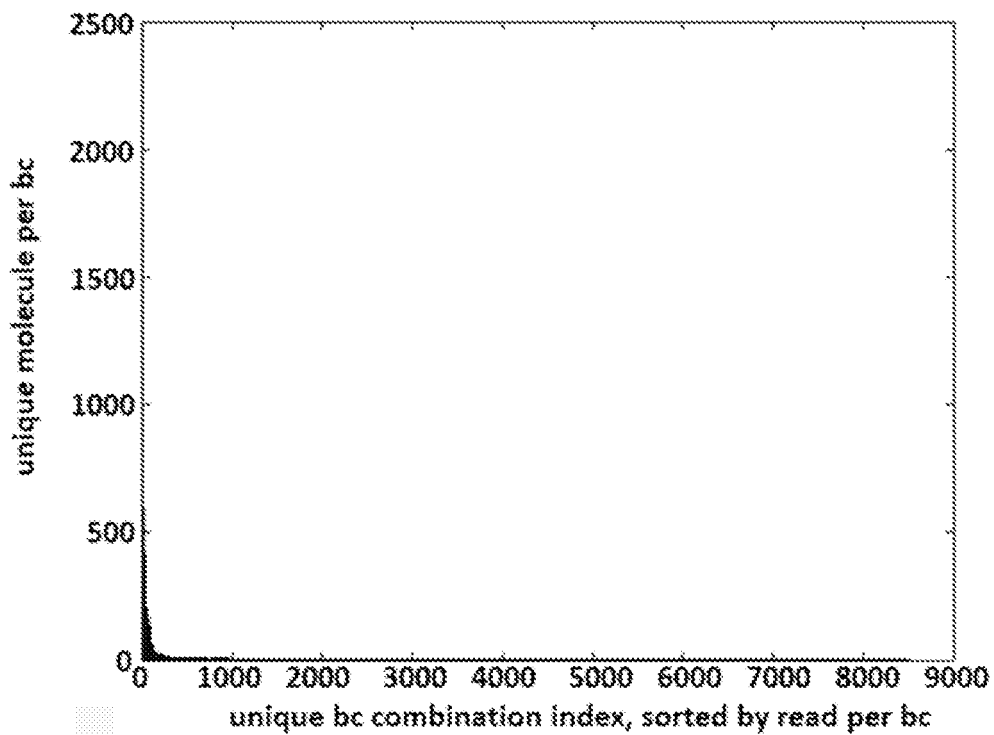


FIG. 12A

17/116

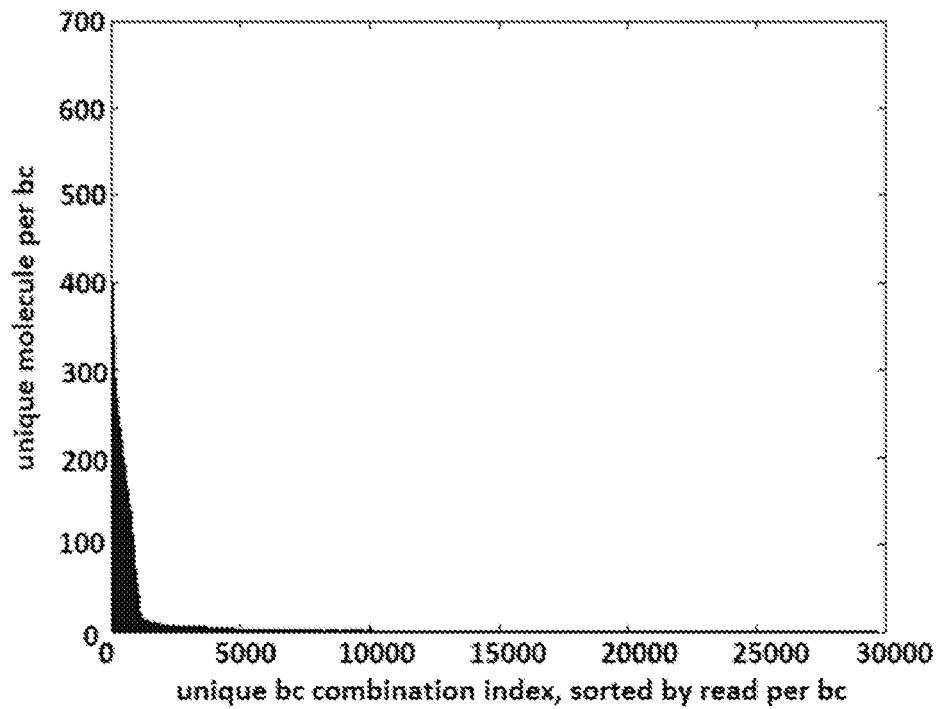


FIG. 12B

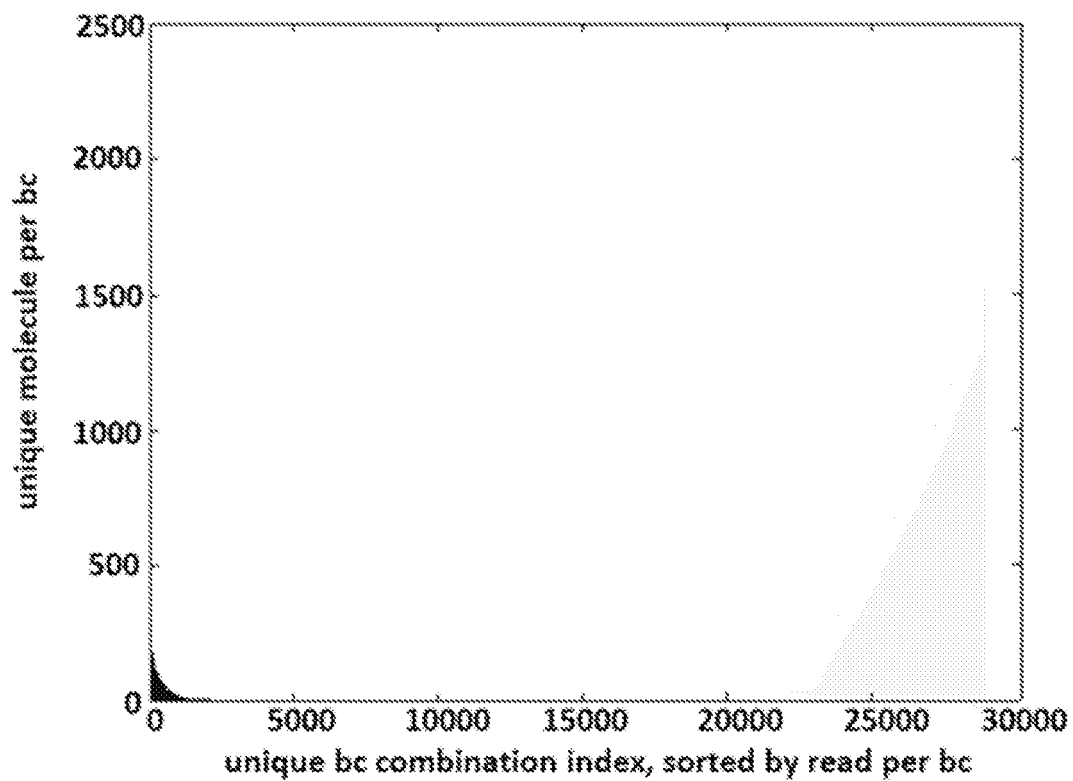


FIG. 12C

18/116

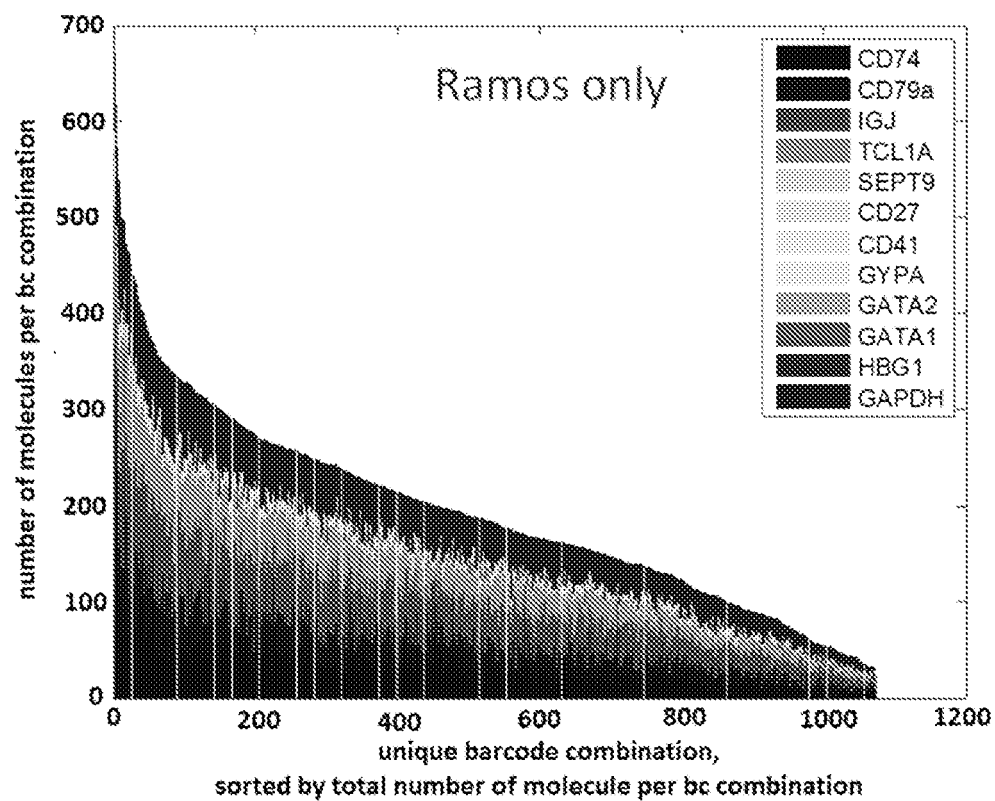


FIG. 12D

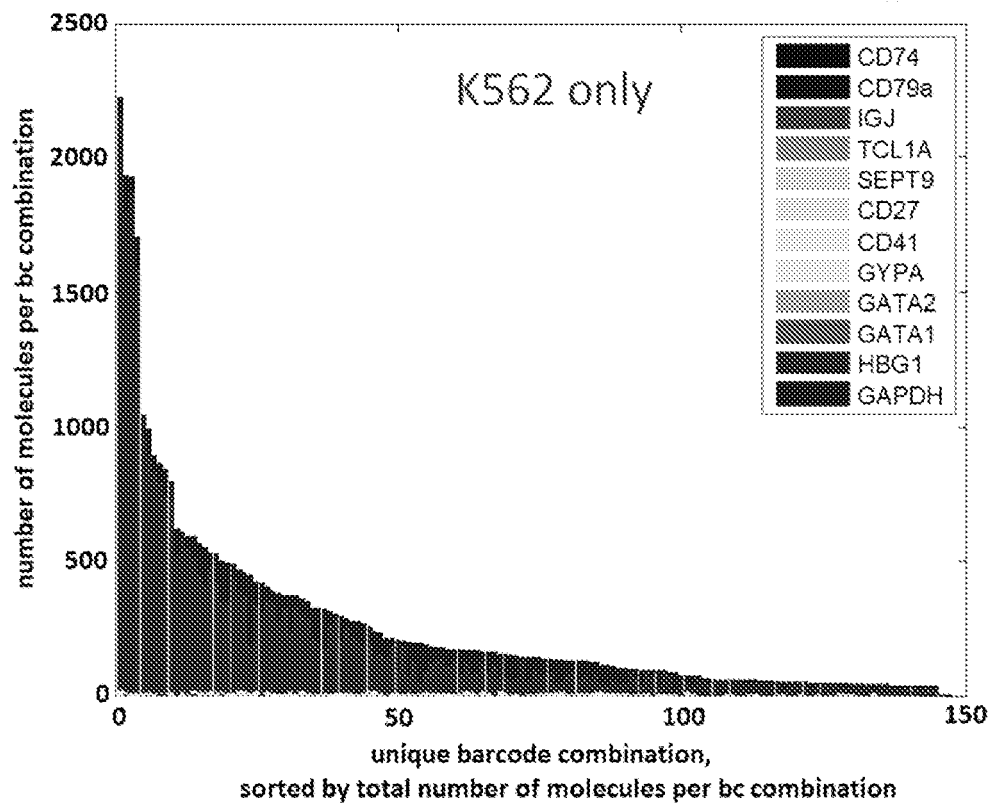


FIG. 12E

19/116

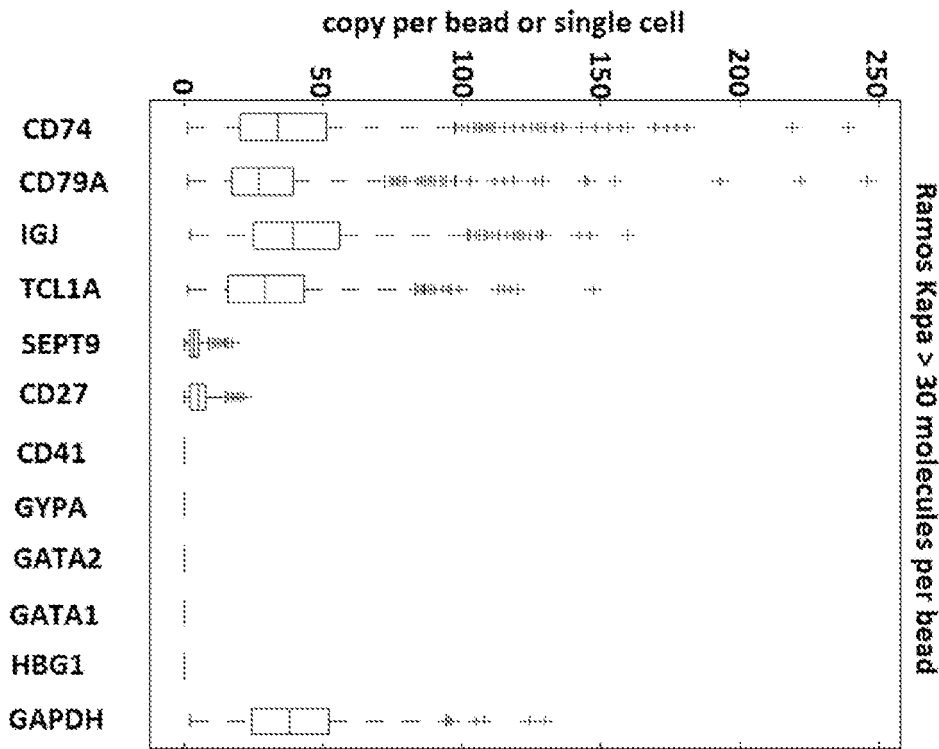


FIG. 12F

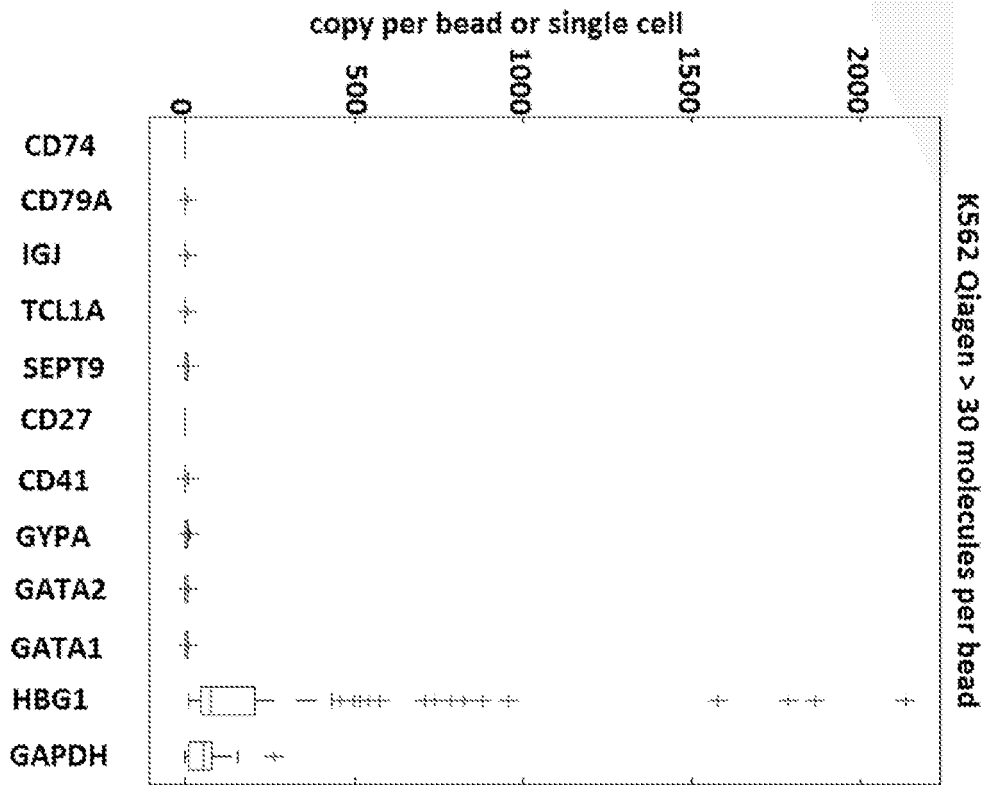


FIG. 12G

20/116

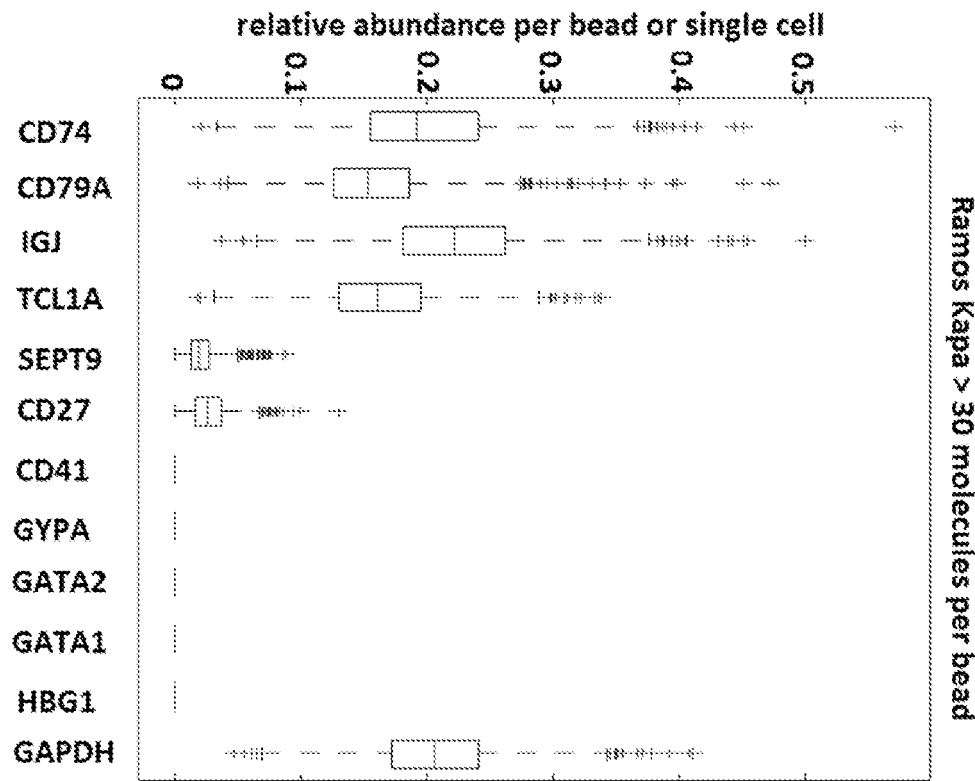


FIG. 12H

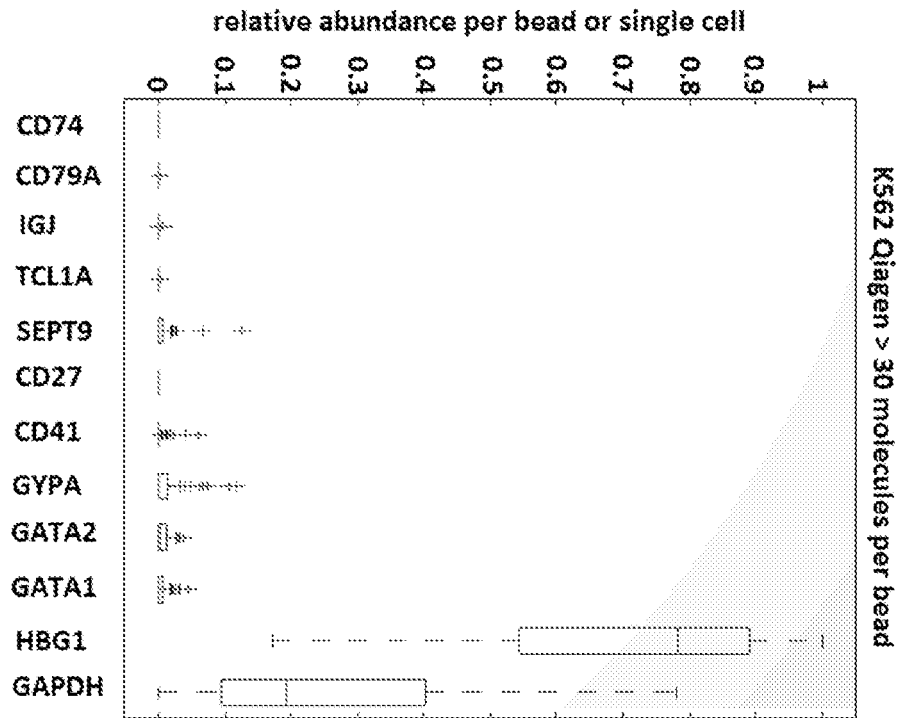


FIG. 12I

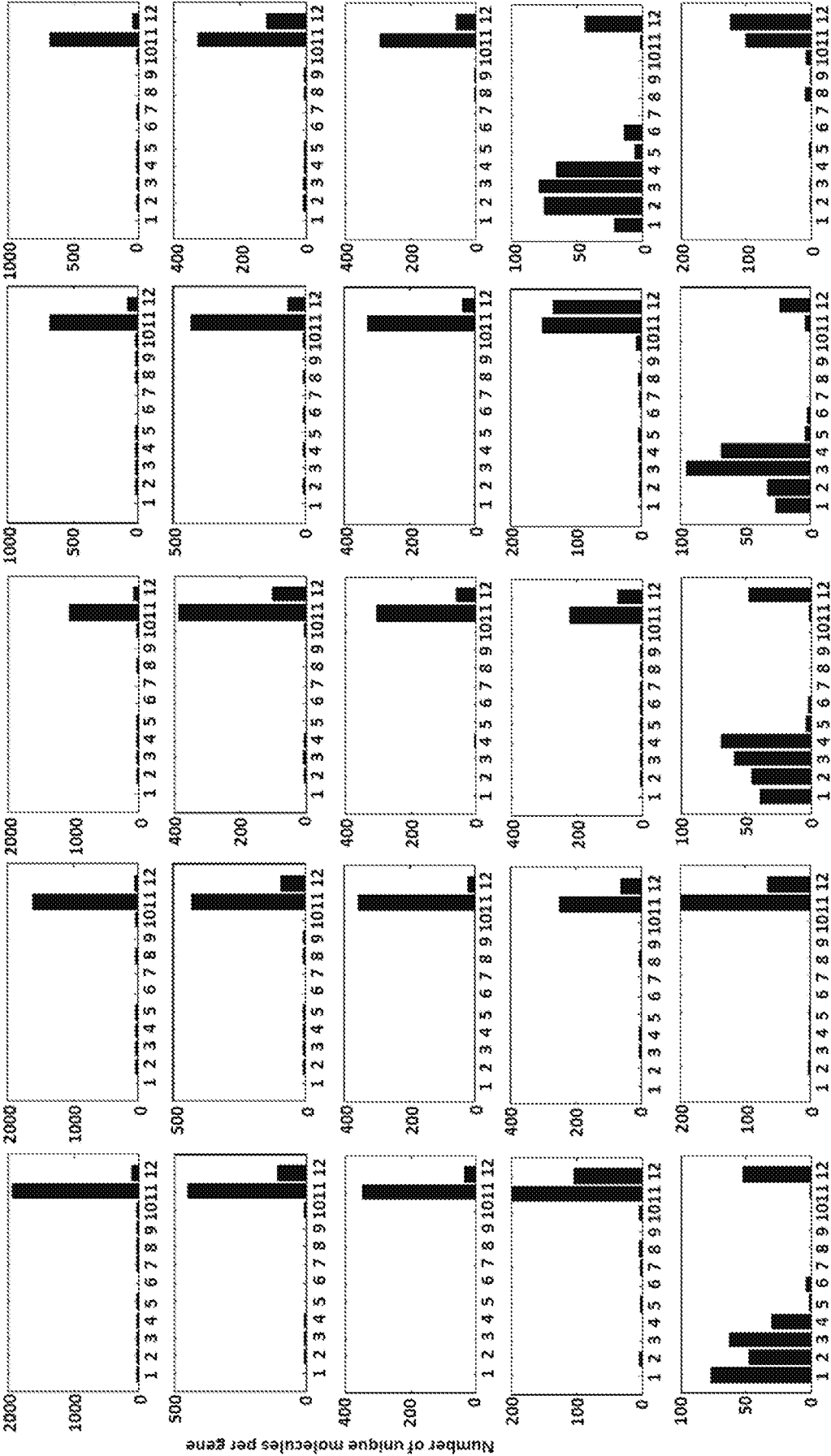


FIG. 12J

Figure 1 displays a 5x5 grid of bar charts, where each row represents a different condition and each column represents a different gene (labeled 1 through 12 on the x-axis). The y-axis for each row represents the 'Number of unique molecules per gene', with scales ranging from 0 to 1000. The data shows varying distributions of unique molecules across genes and conditions.

FIG. 12K

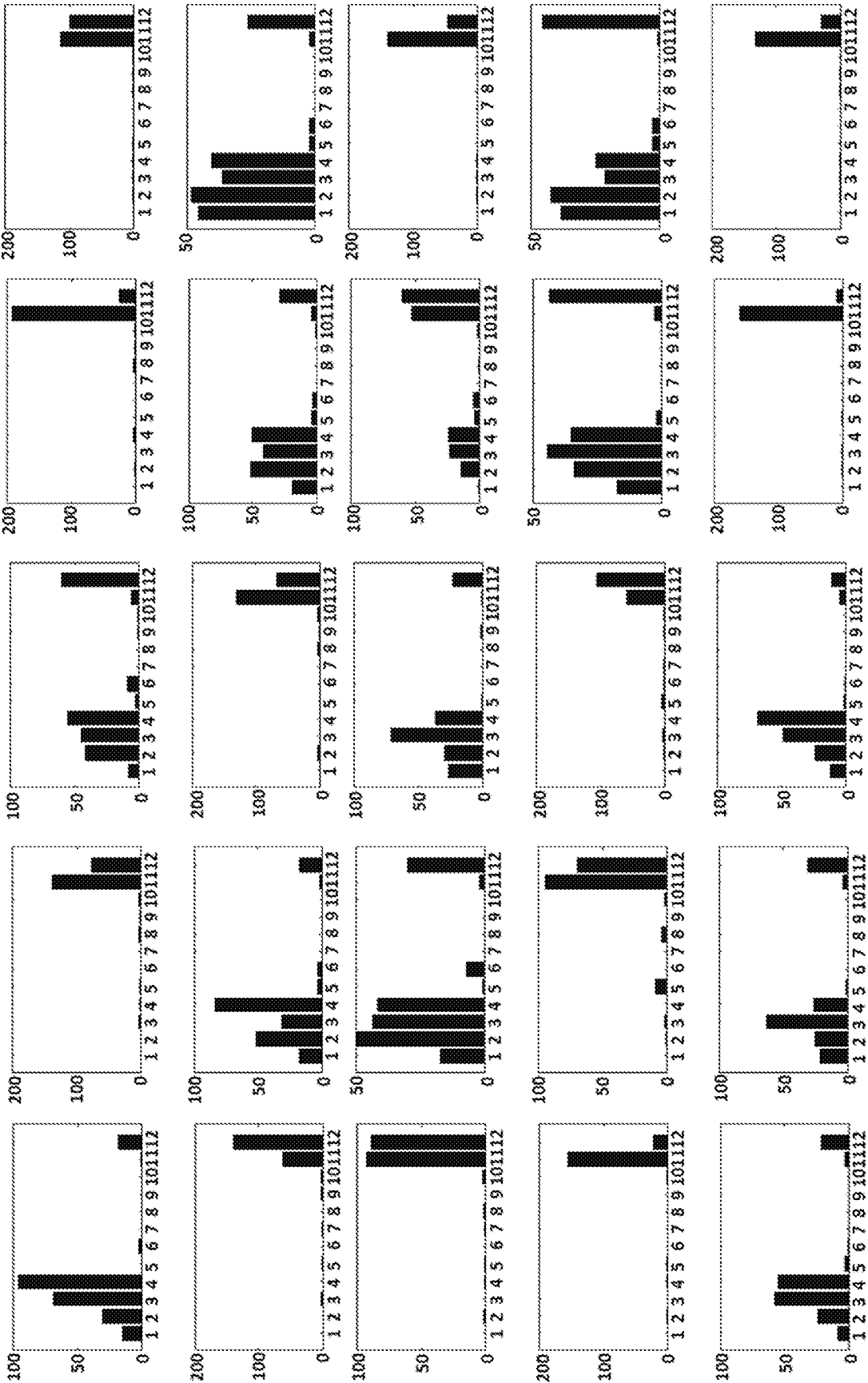


FIG. 12L

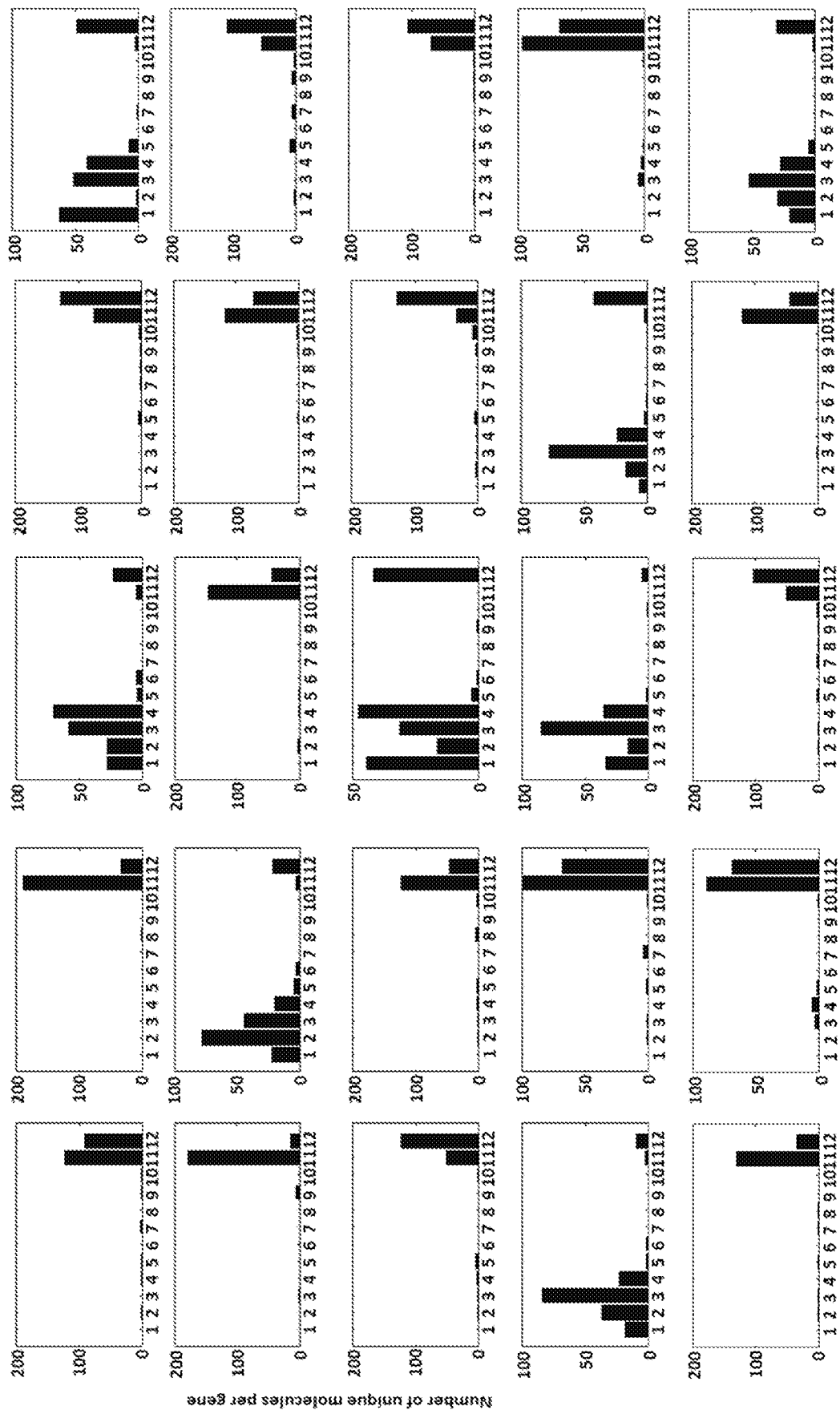


FIG. 12M

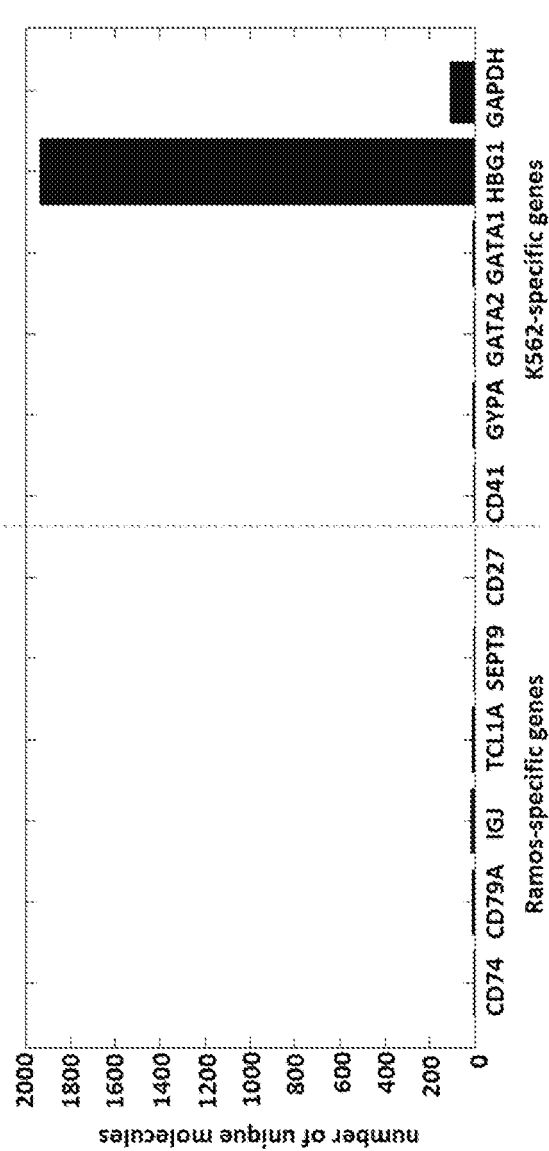


FIG. 12N

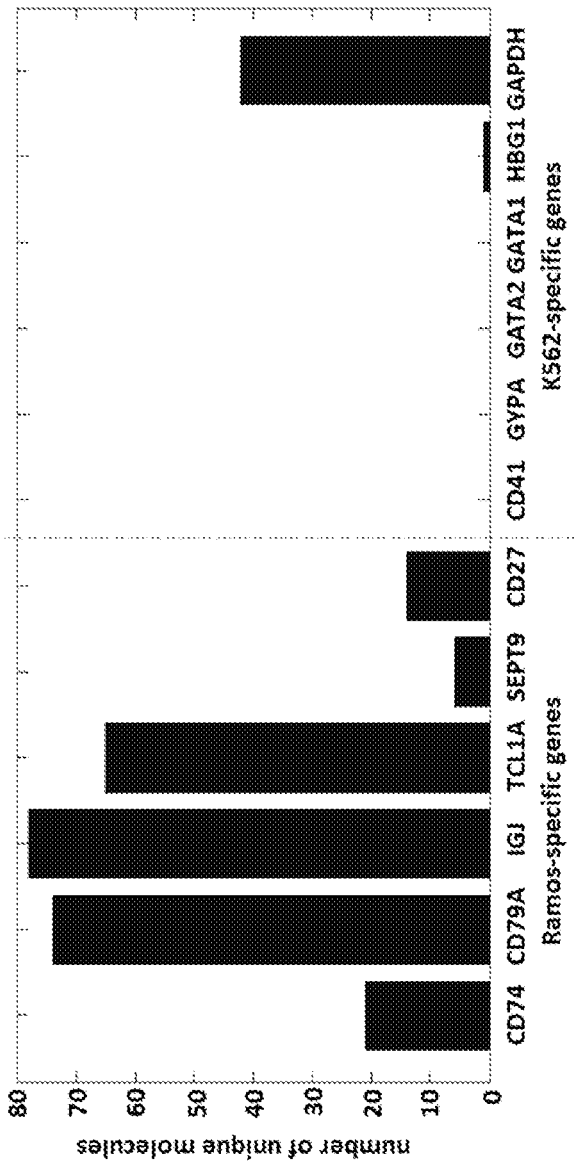


FIG. 12O

26/116

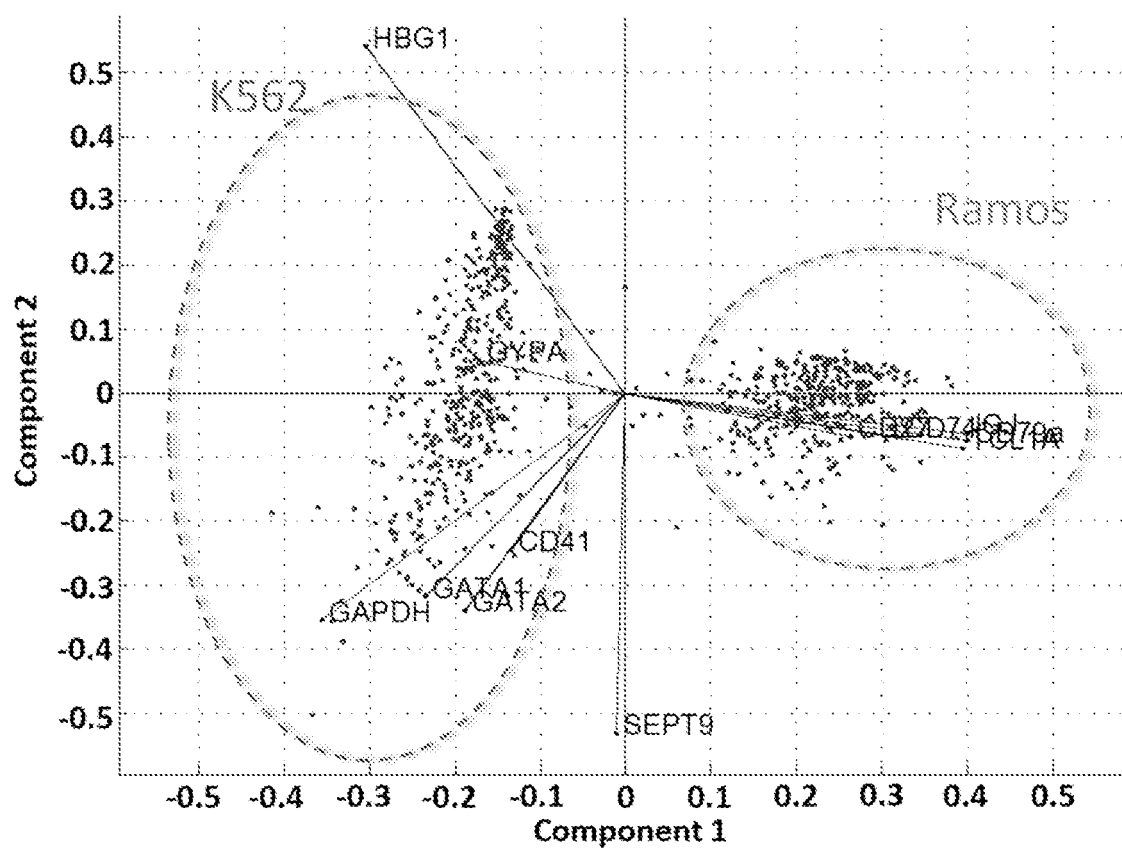


FIG. 12P

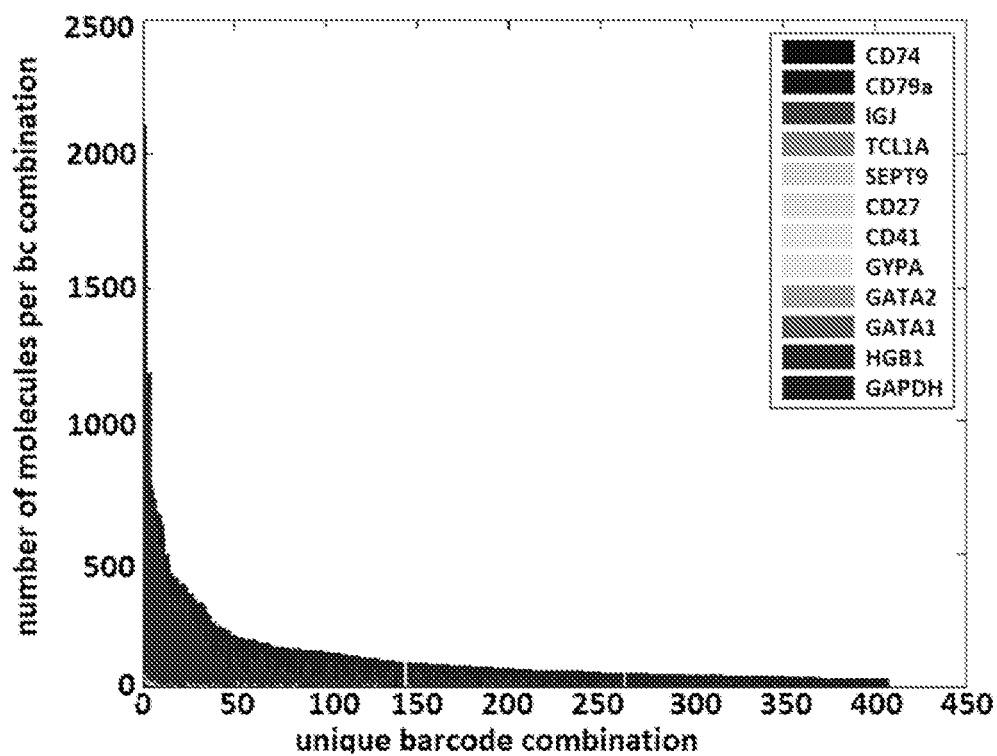


FIG. 12Q

27/116

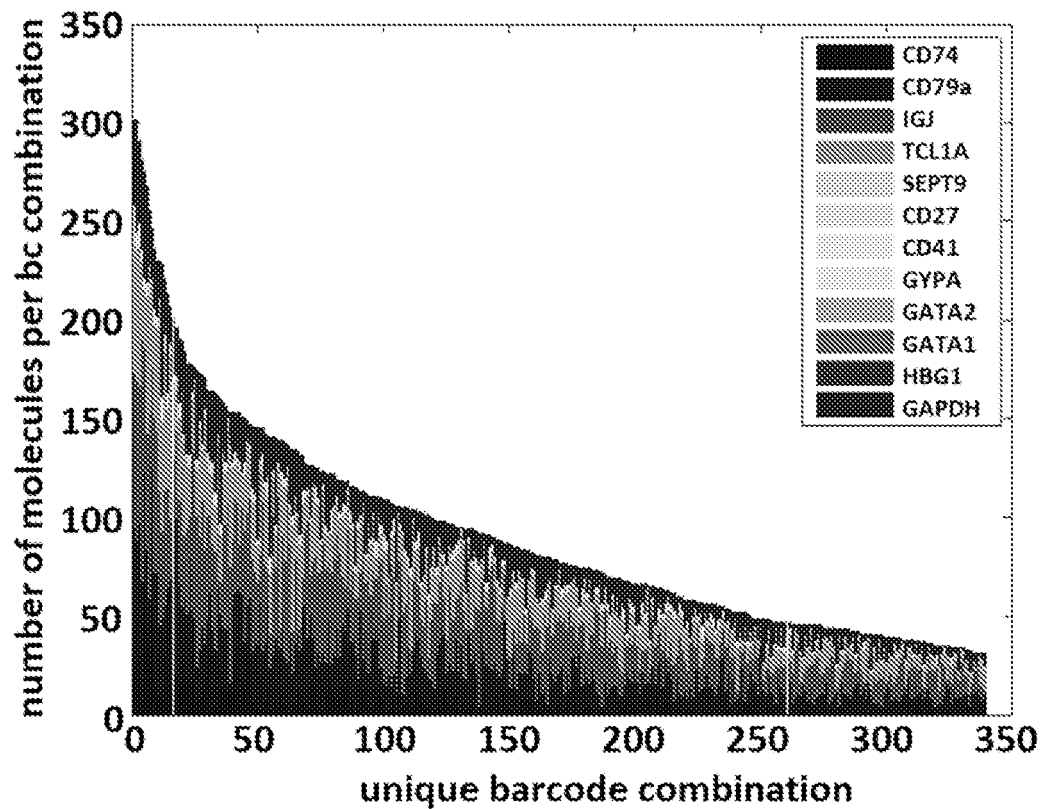


FIG. 12R

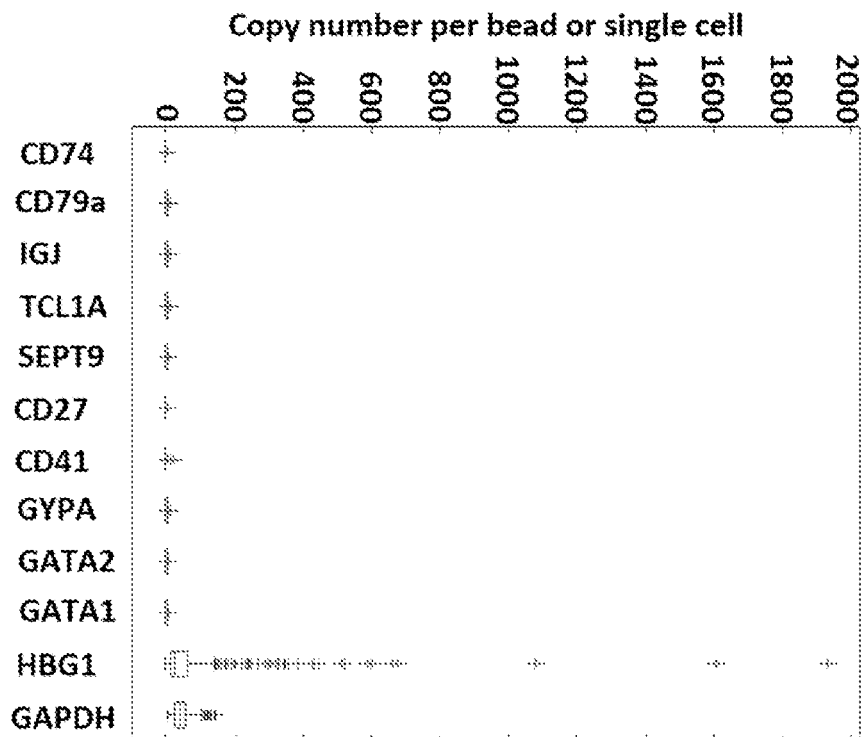


FIG. 12S

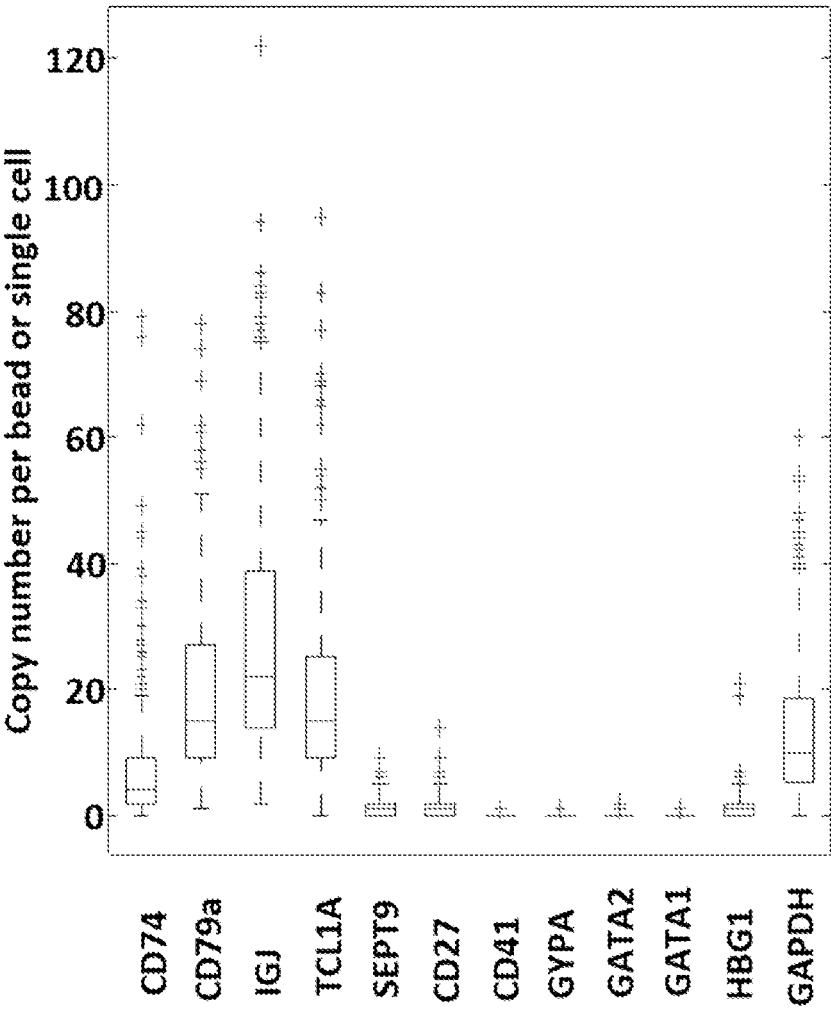


FIG. 12T

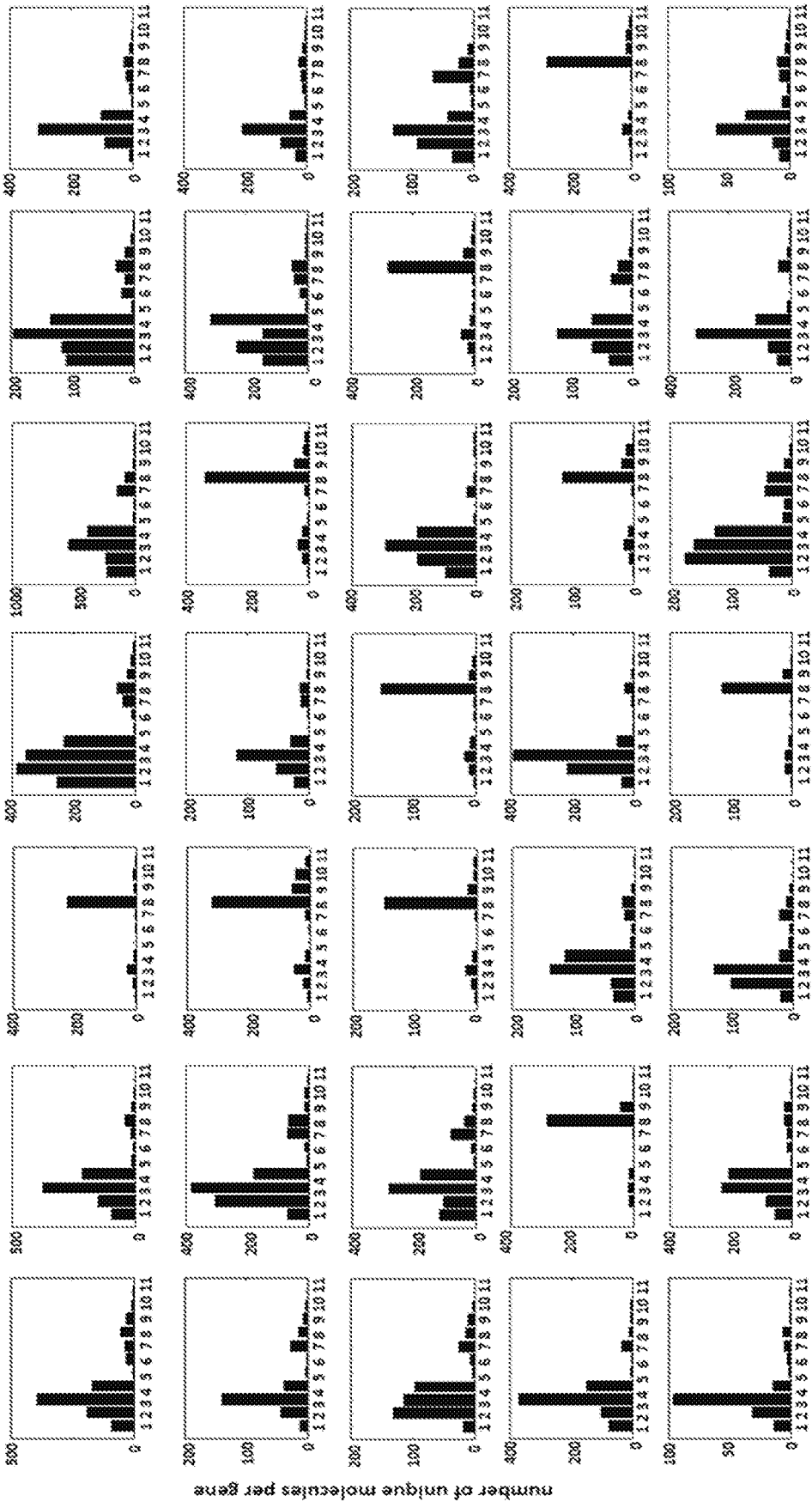


FIG. 13A

30/116

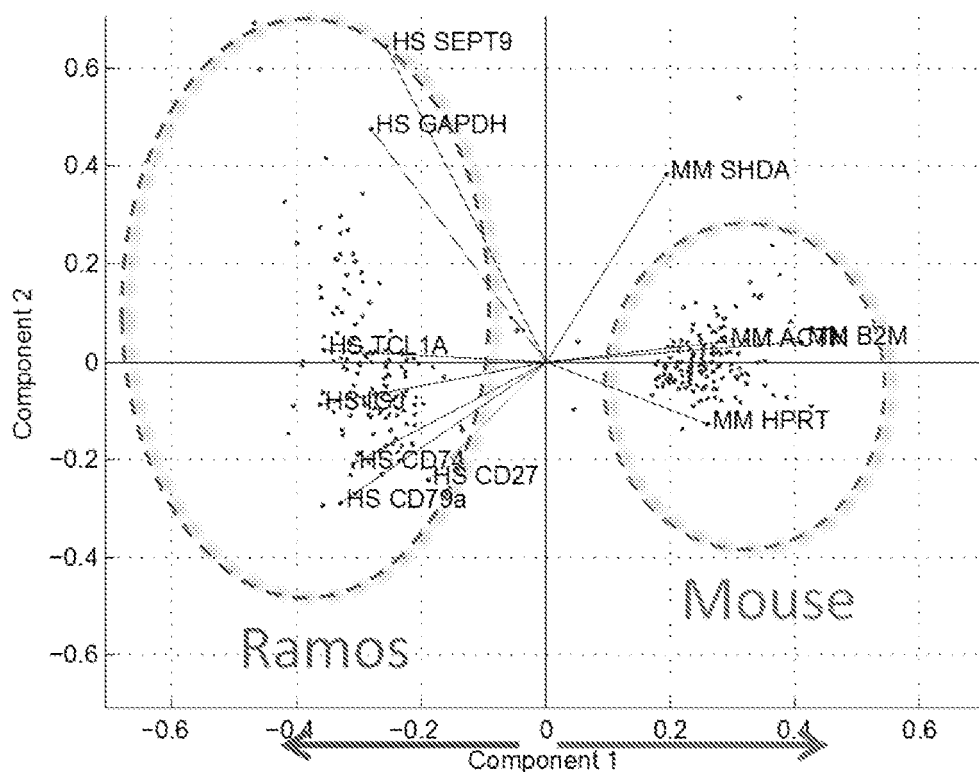


FIG. 13B

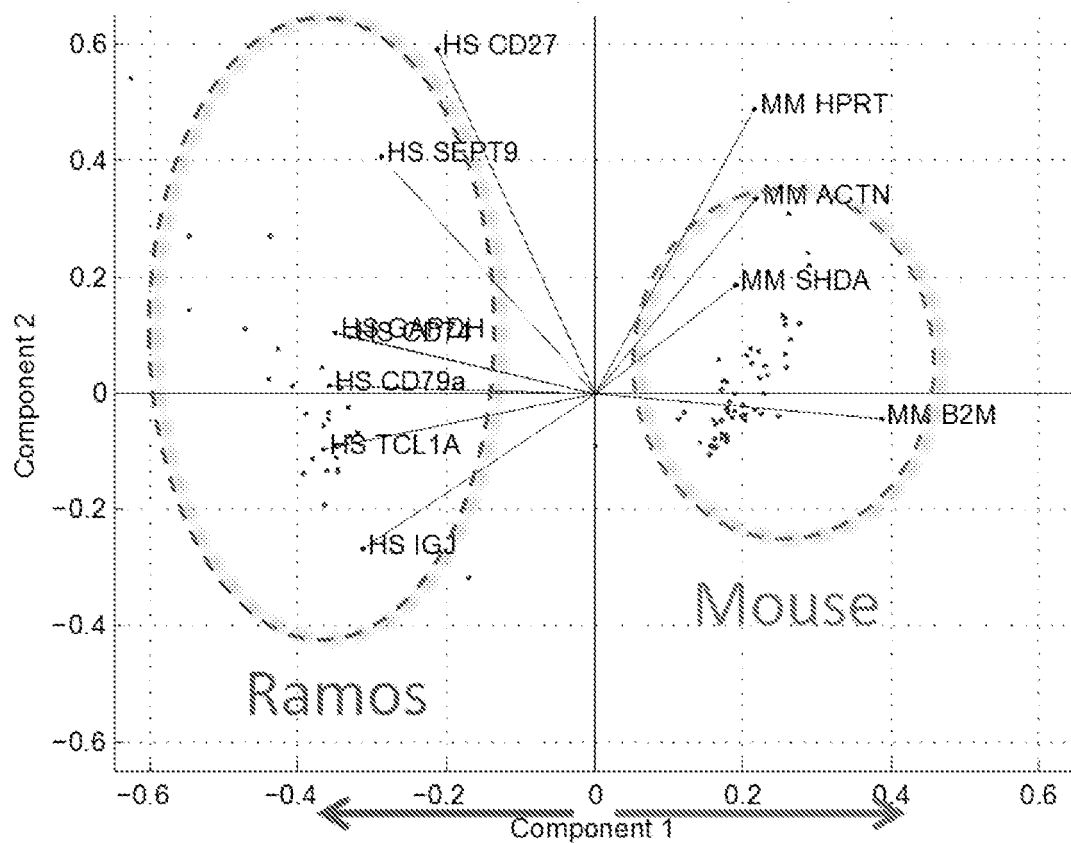


FIG. 13C

31/116

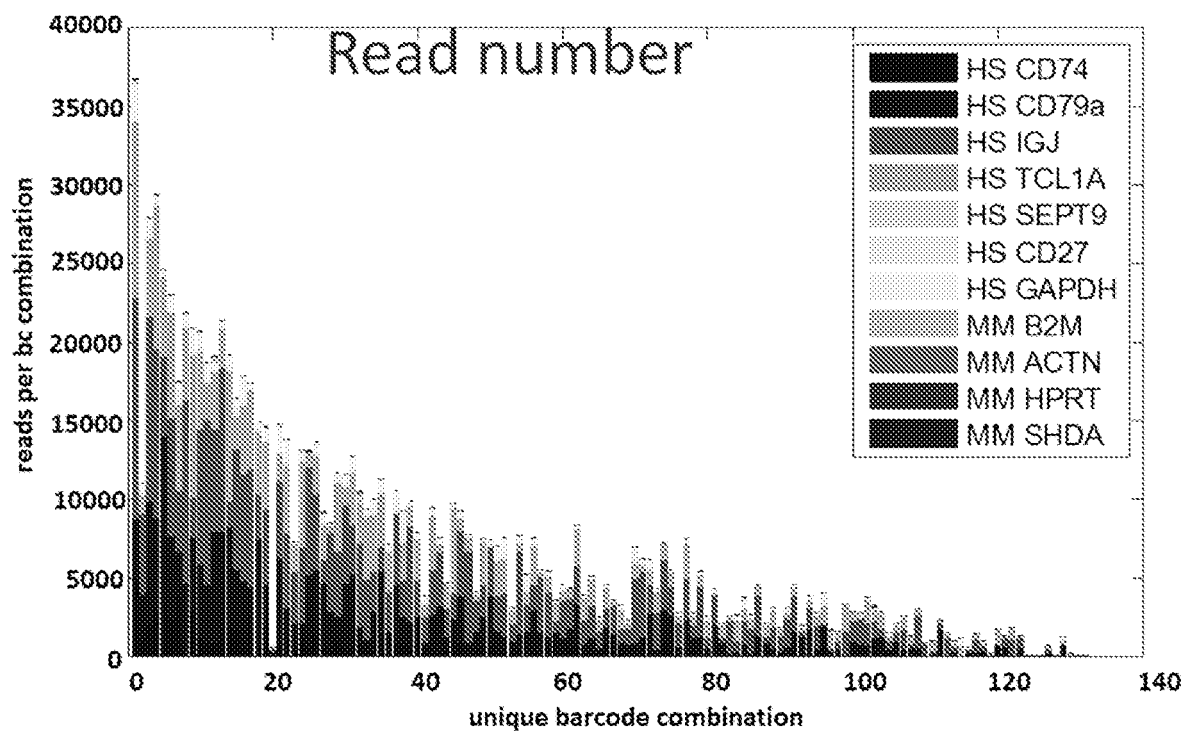


FIG. 13D

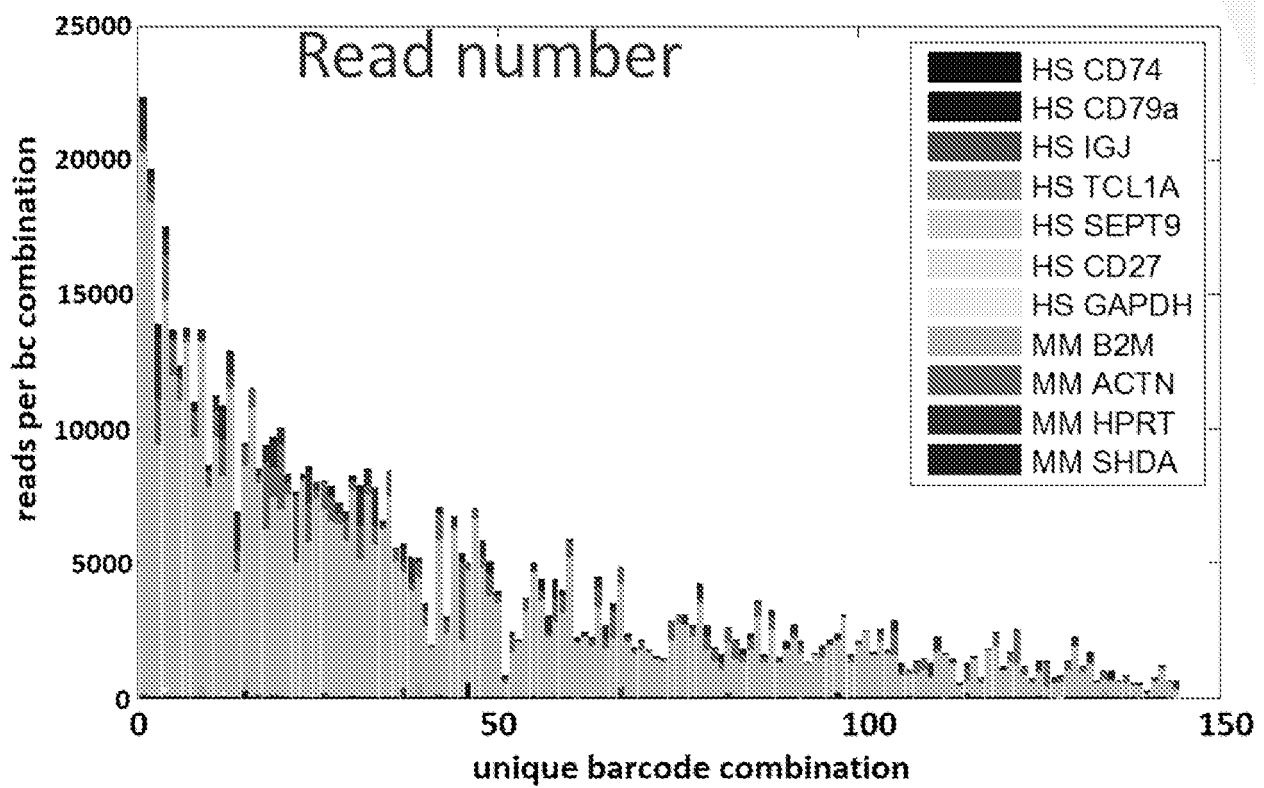


FIG. 13E

32/116

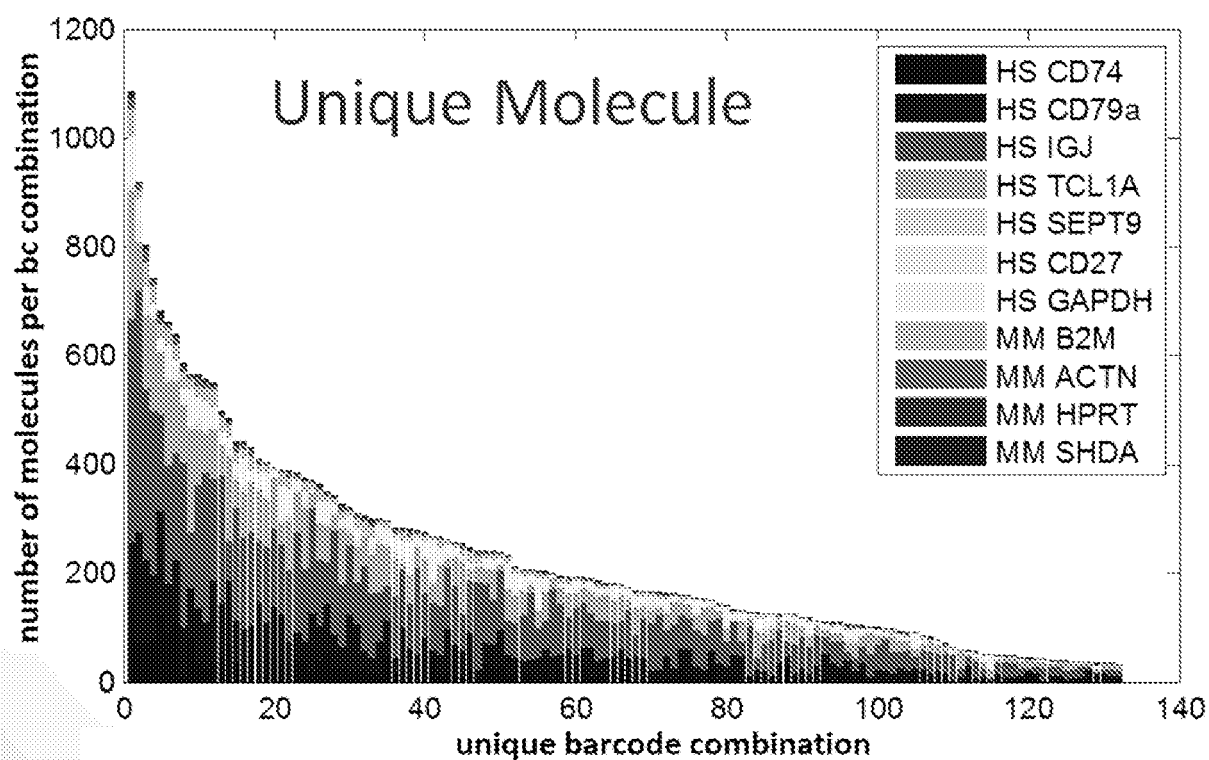


FIG. 13F

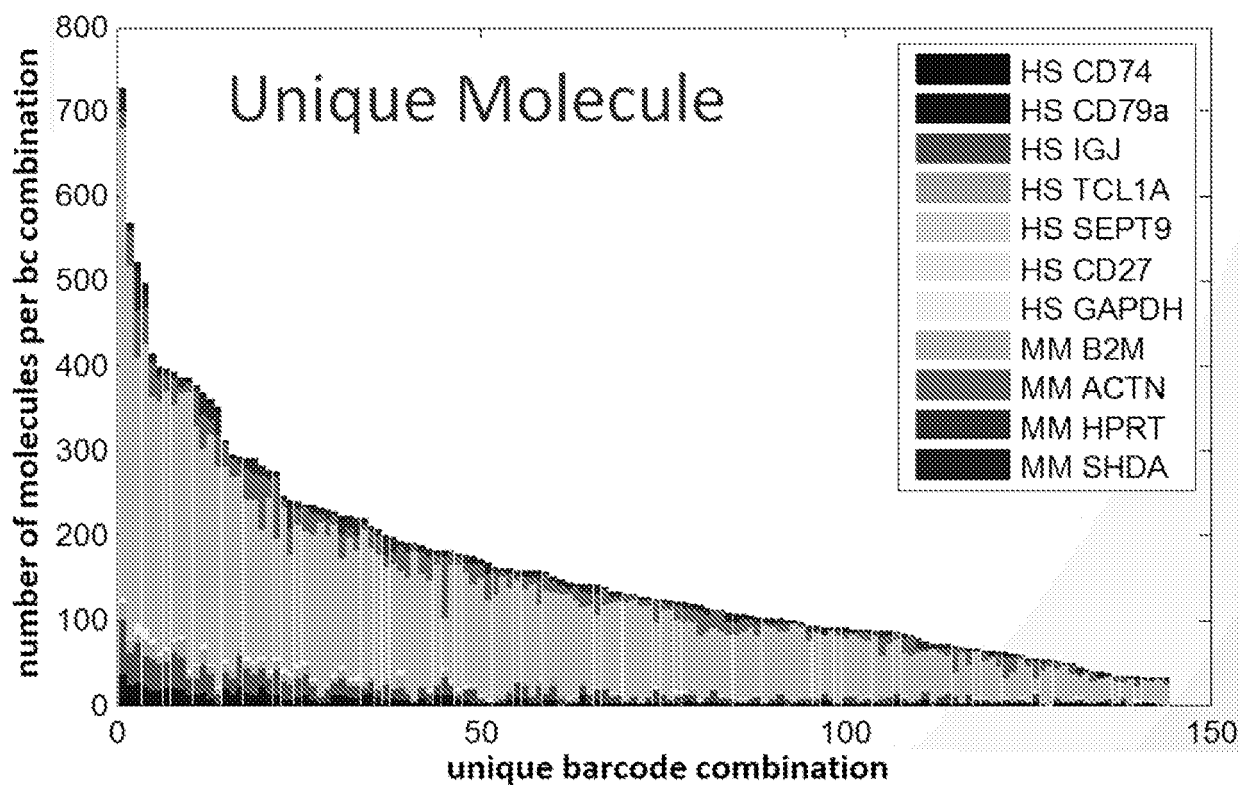


FIG. 13G

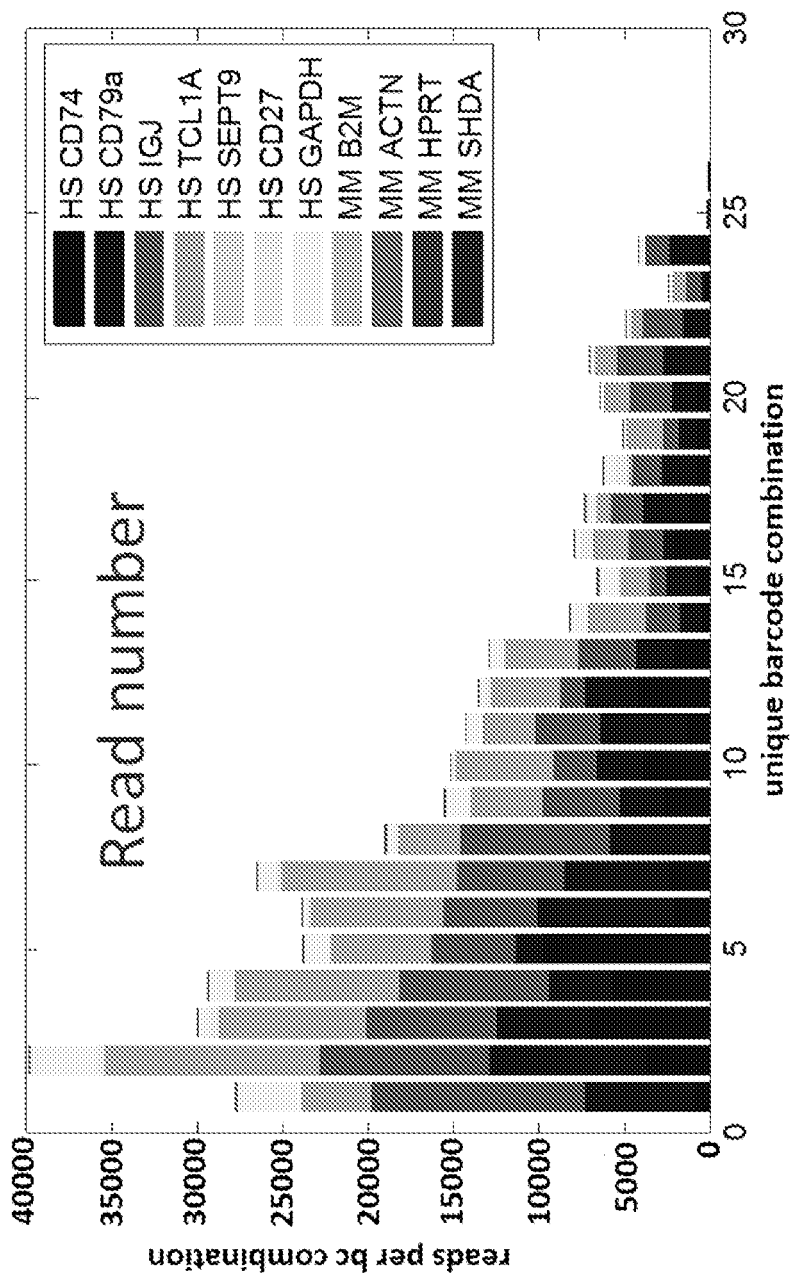


FIG. 13H

34/116

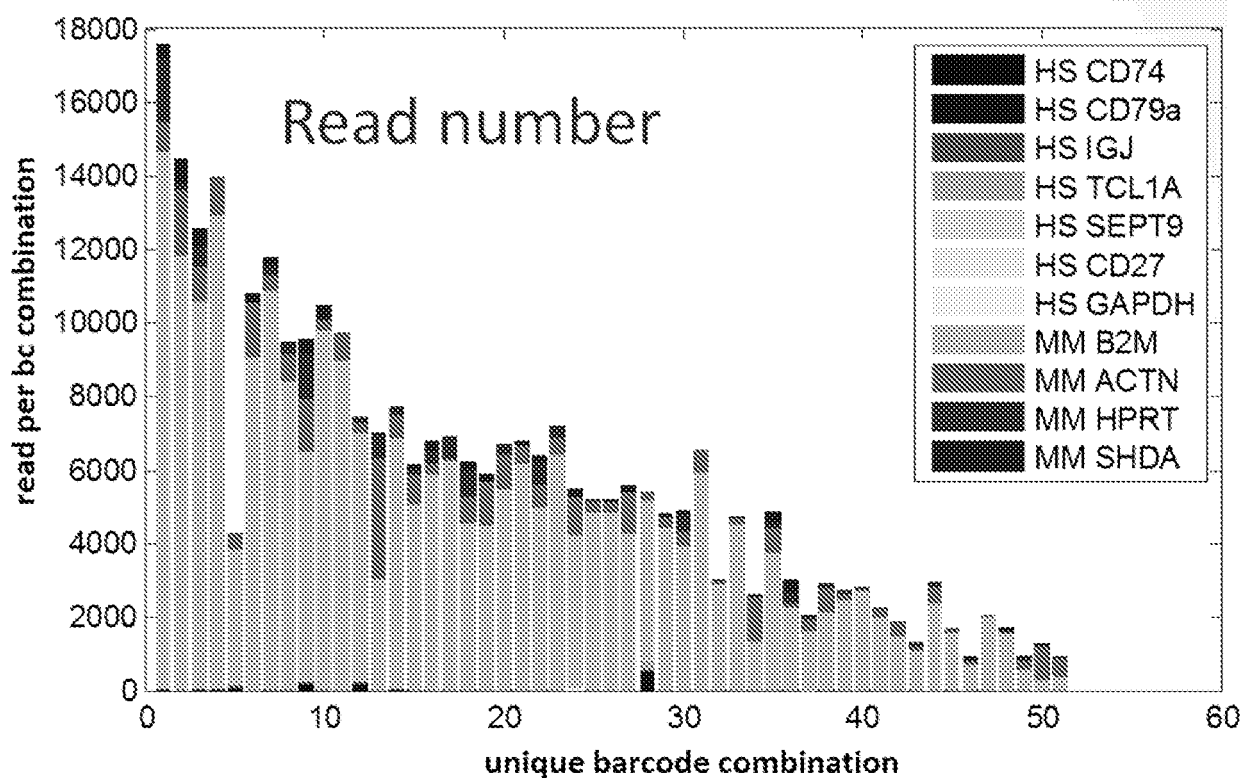


FIG. 13I

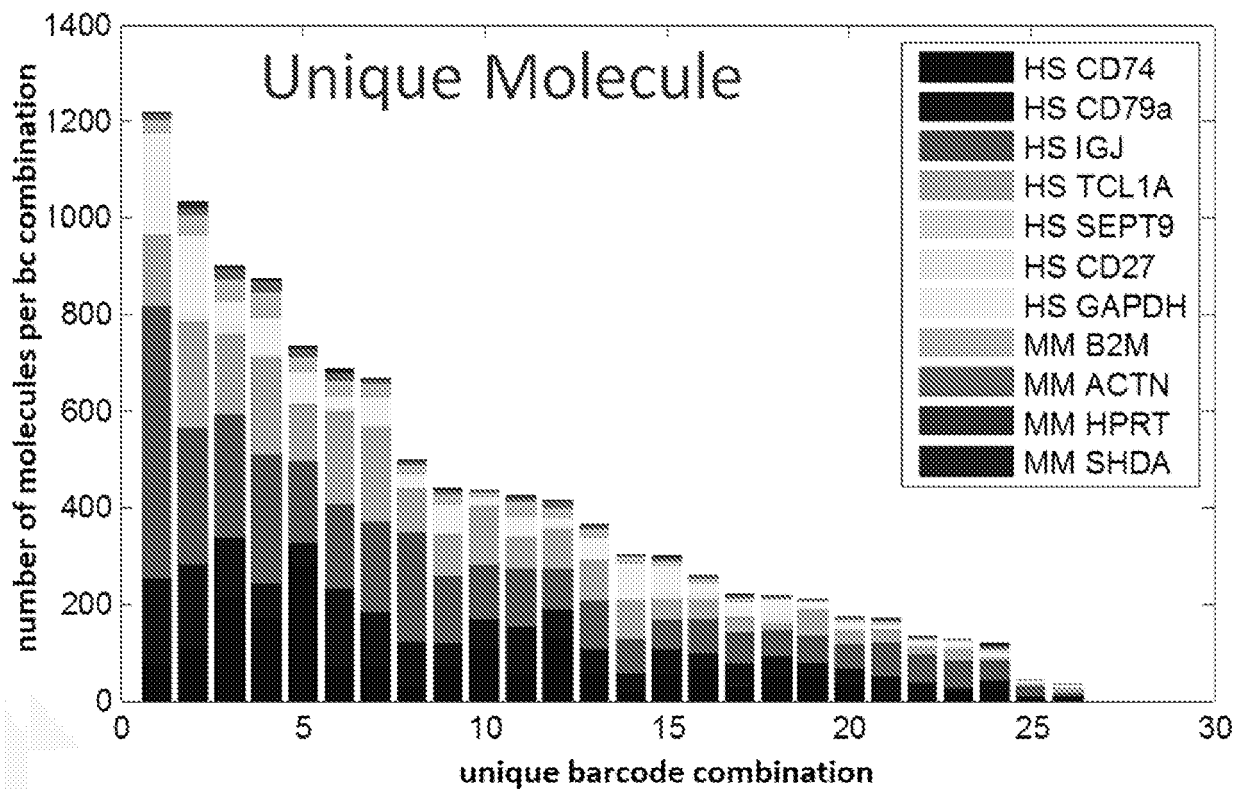


FIG. 13J

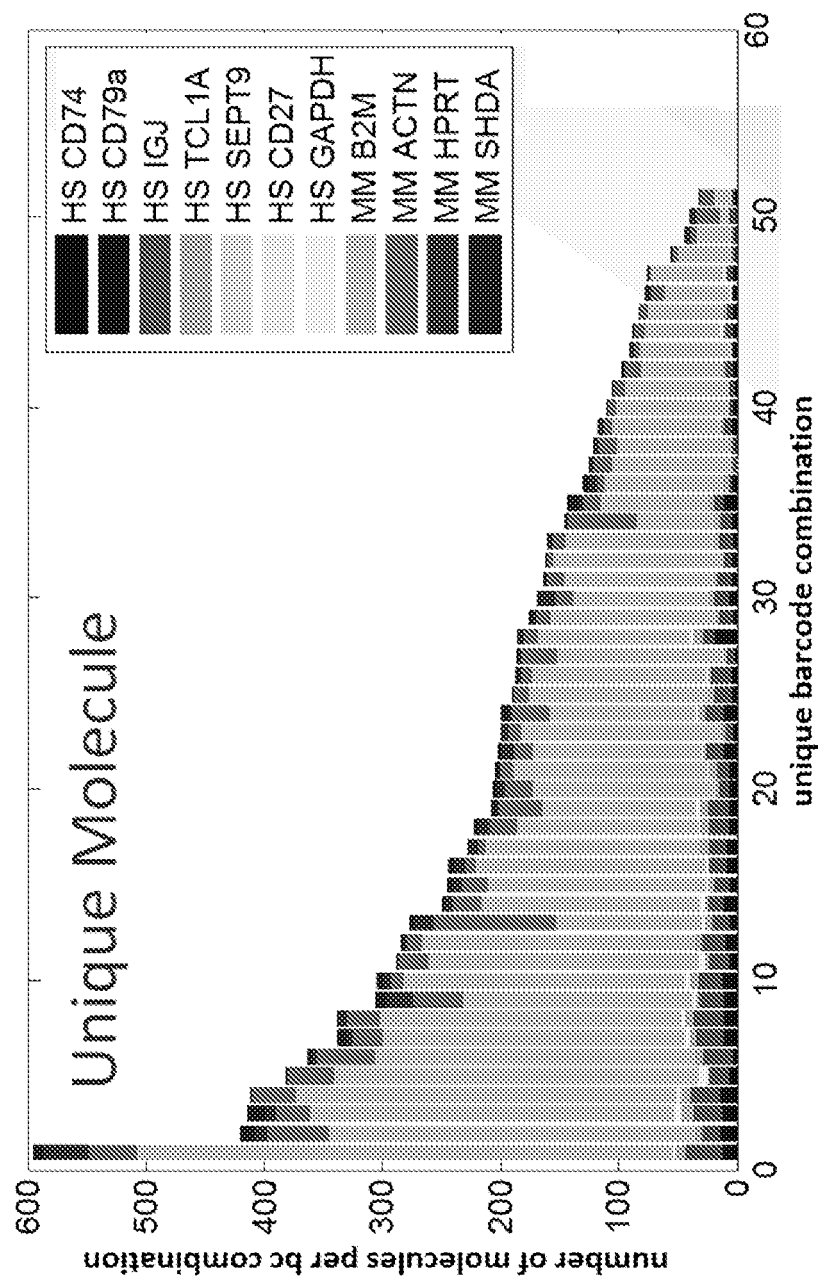
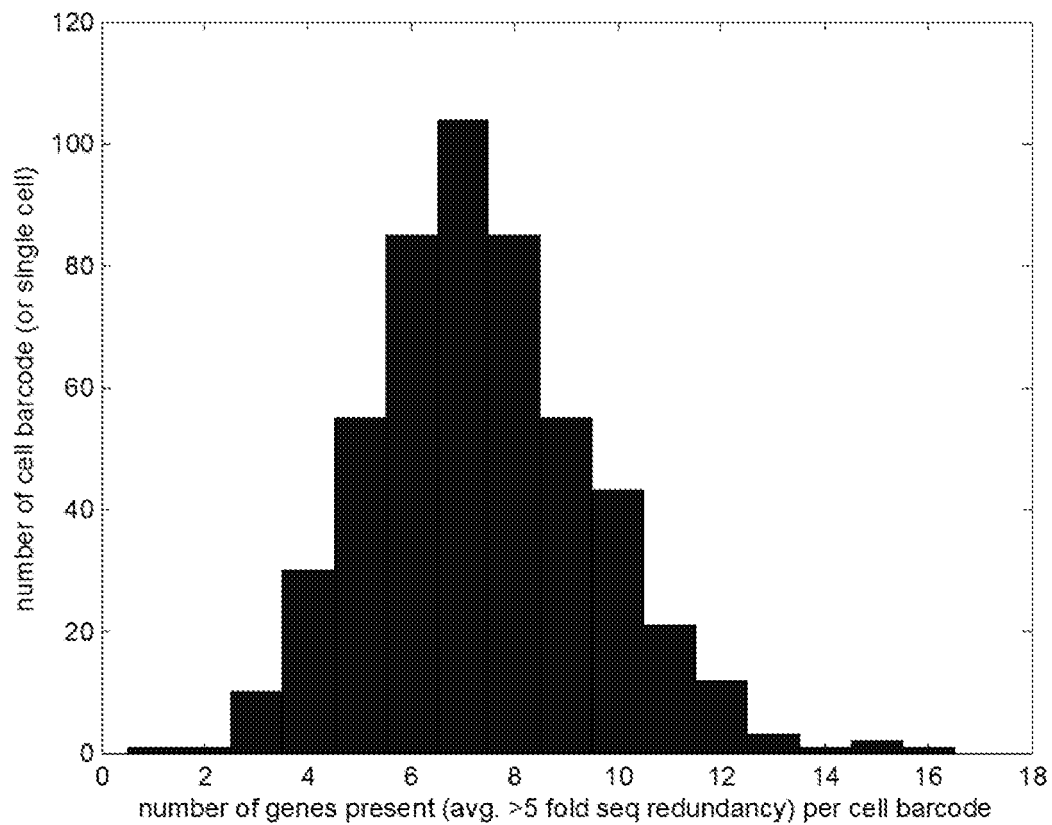
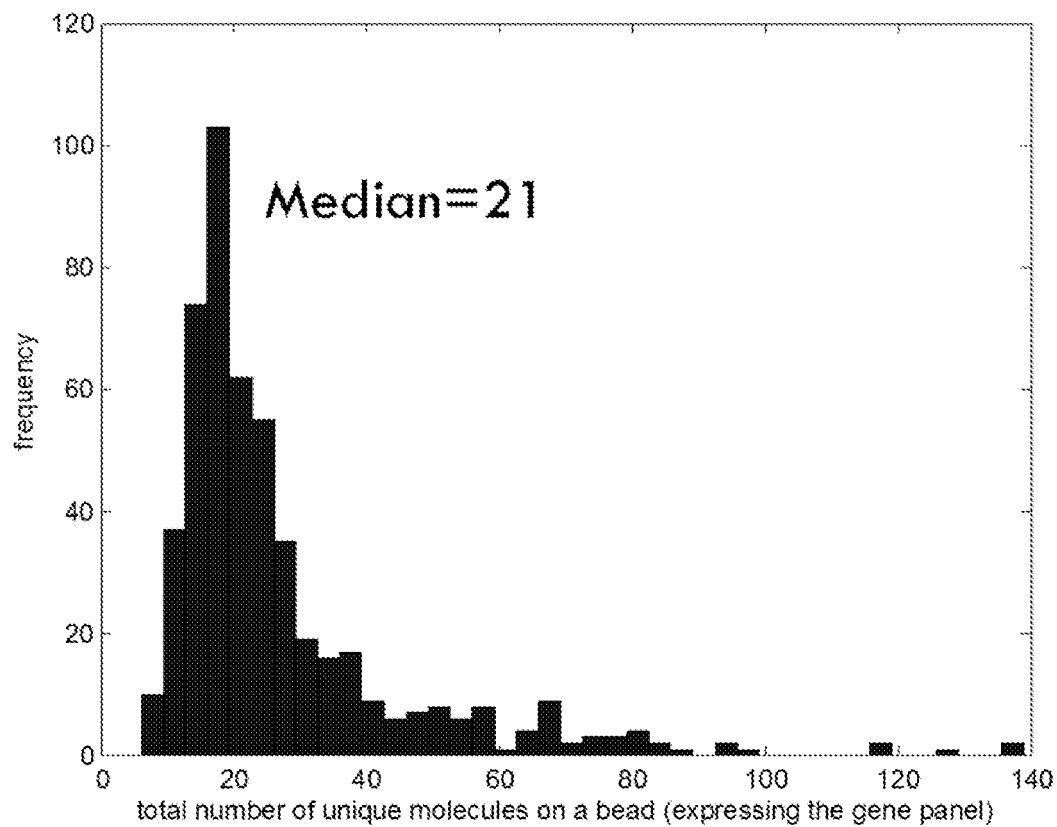


FIG. 13K

37/116**FIG. 15A****FIG. 15B**

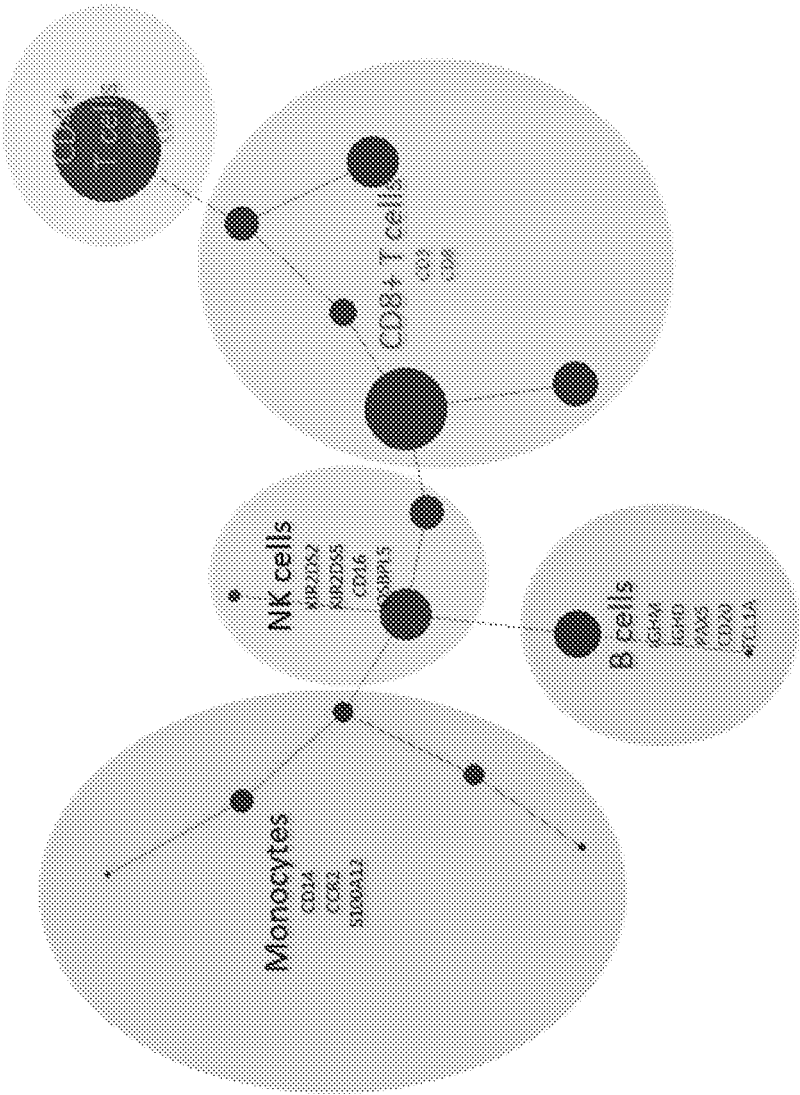


FIG. 16

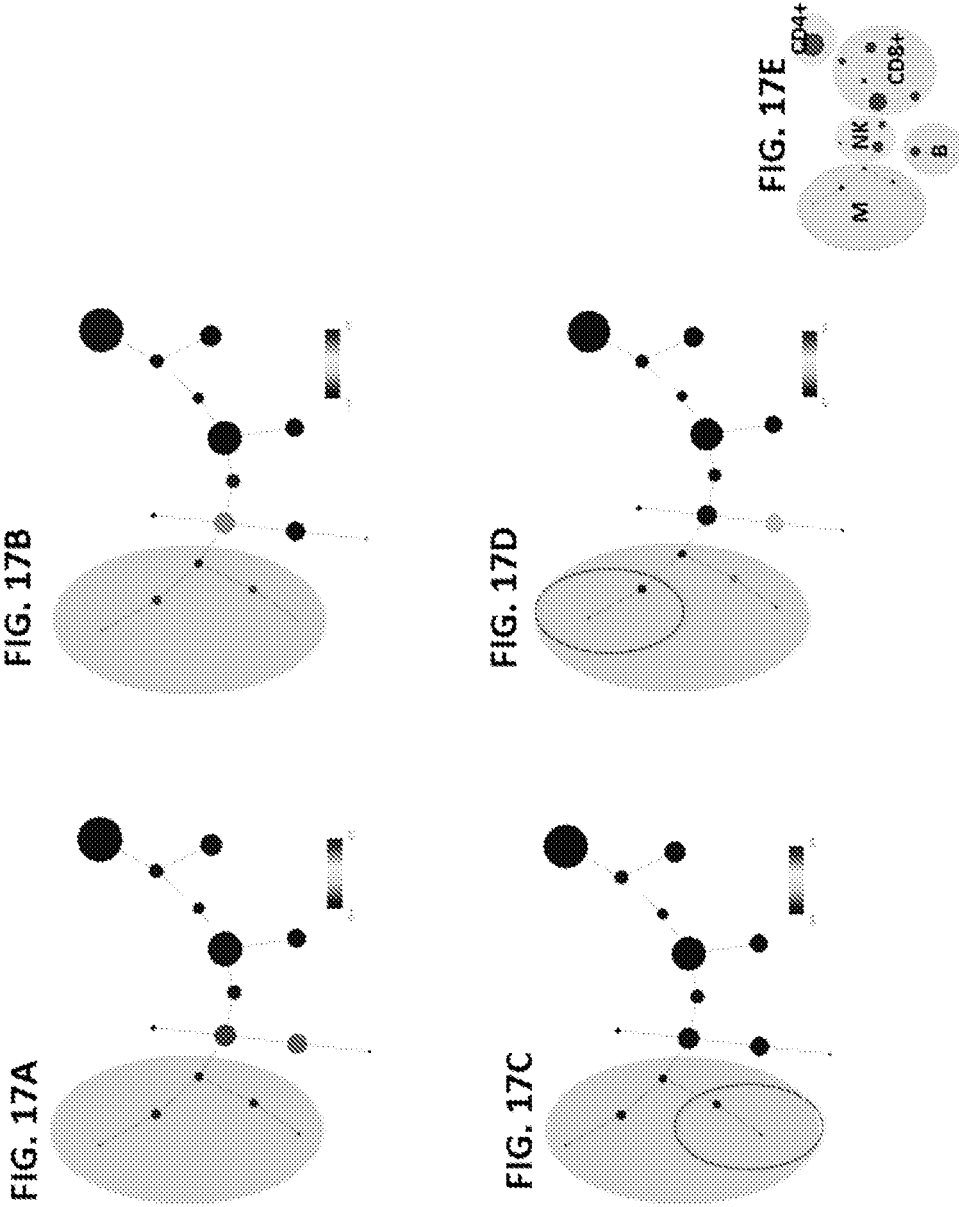


FIG. 17A-E

40/116

FIG. 18A

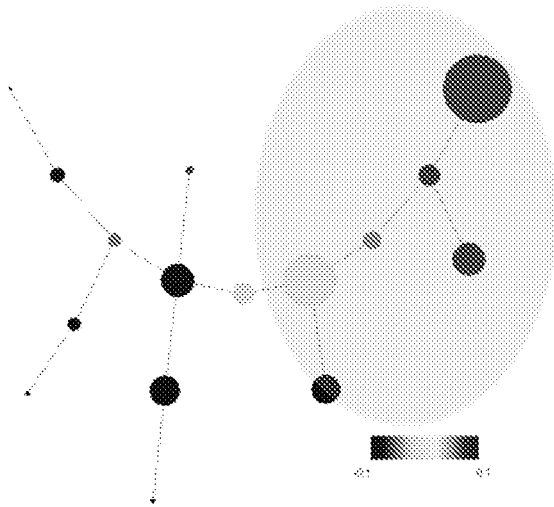


FIG. 18B

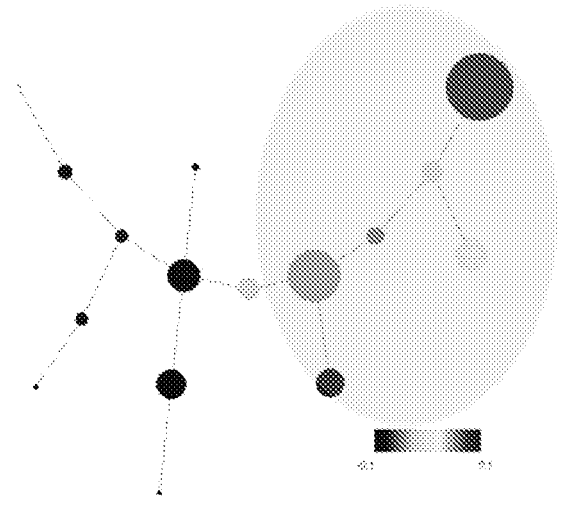


FIG. 18C

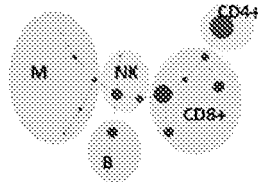


FIG. 18A-C

FIG. 19A

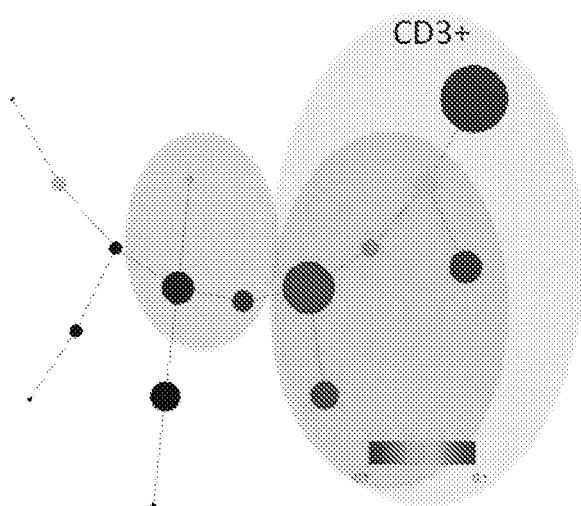


FIG. 19B

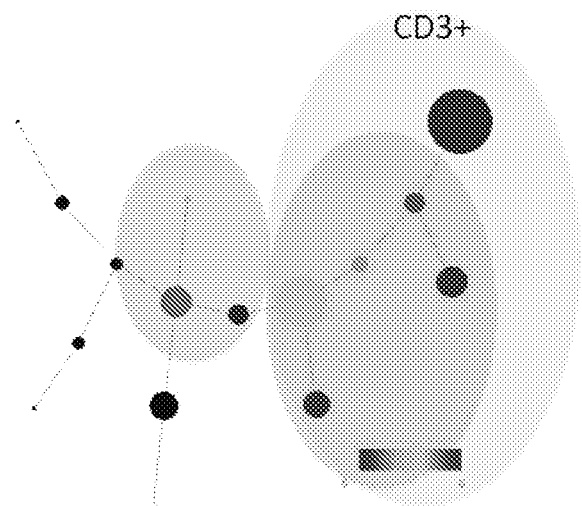


FIG. 19C

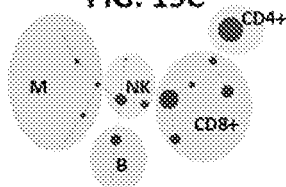


FIG. 19A-C

41/116

FIG. 20A

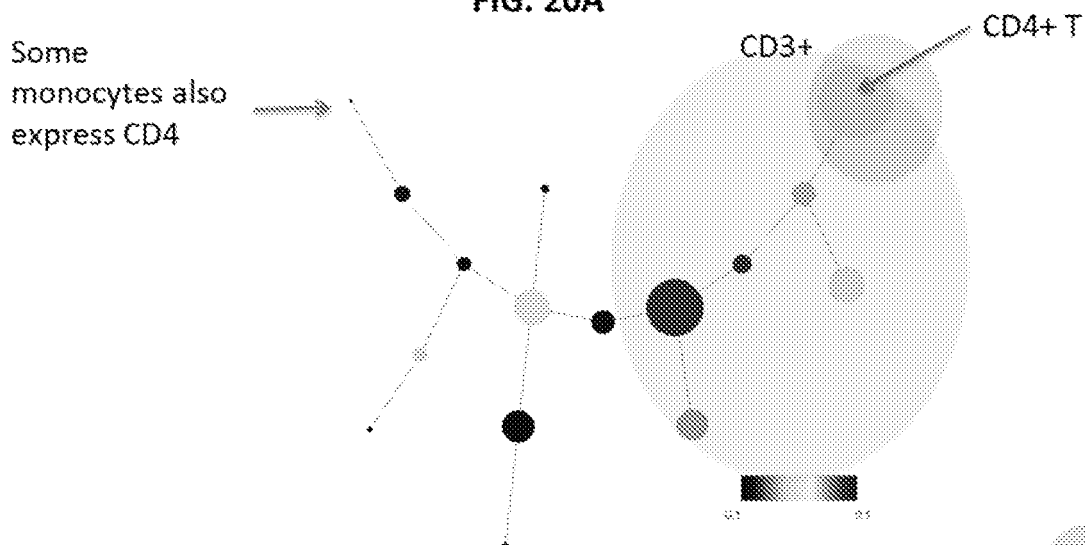


FIG. 20B

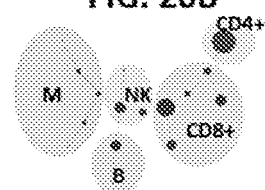


FIG. 20A-B

FIG. 21A

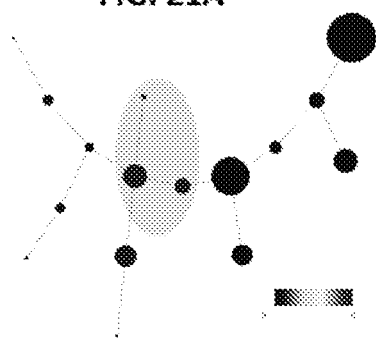


FIG. 21B

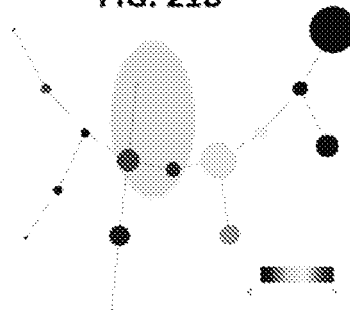


FIG. 21C

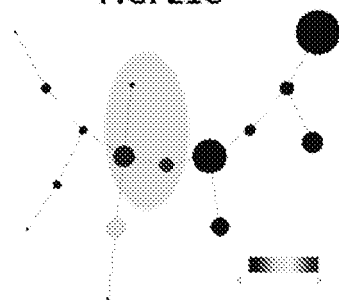


FIG. 21D

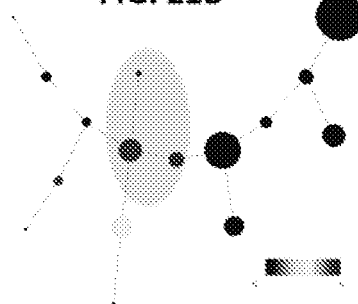


FIG. 21E

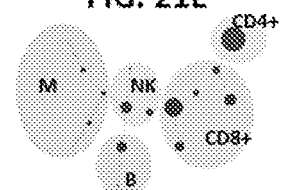


FIG. 21A-E

42/116

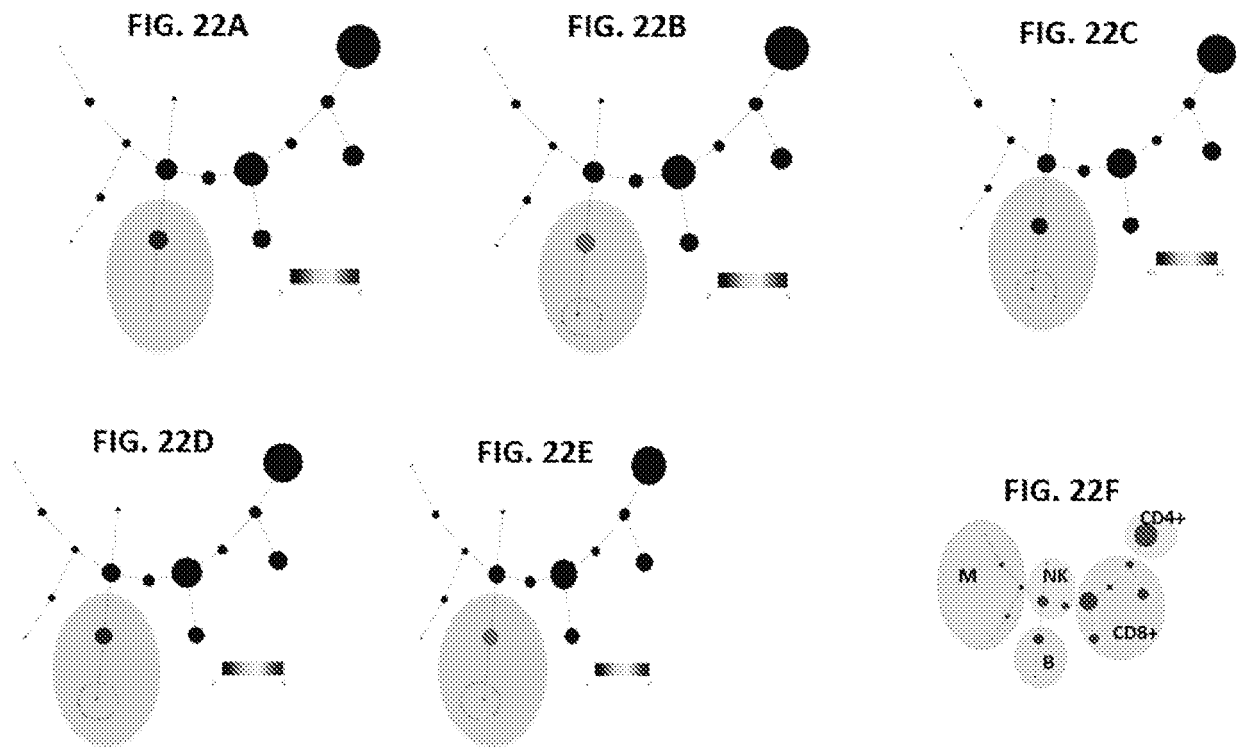


FIG. 22A-F

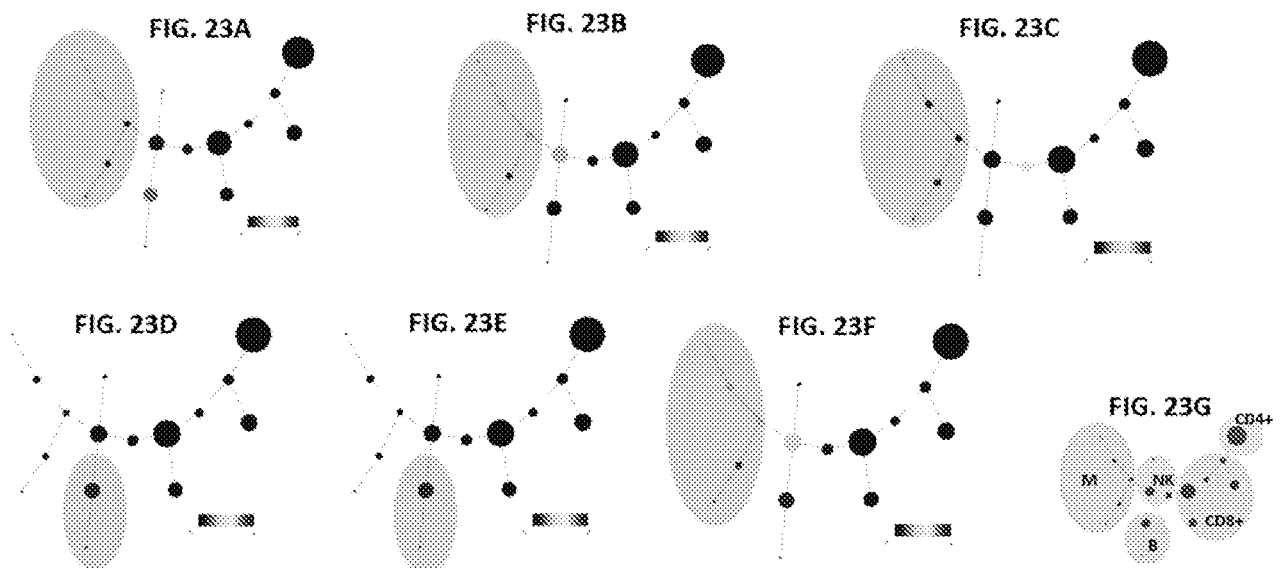


FIG. 23A-G

43/116

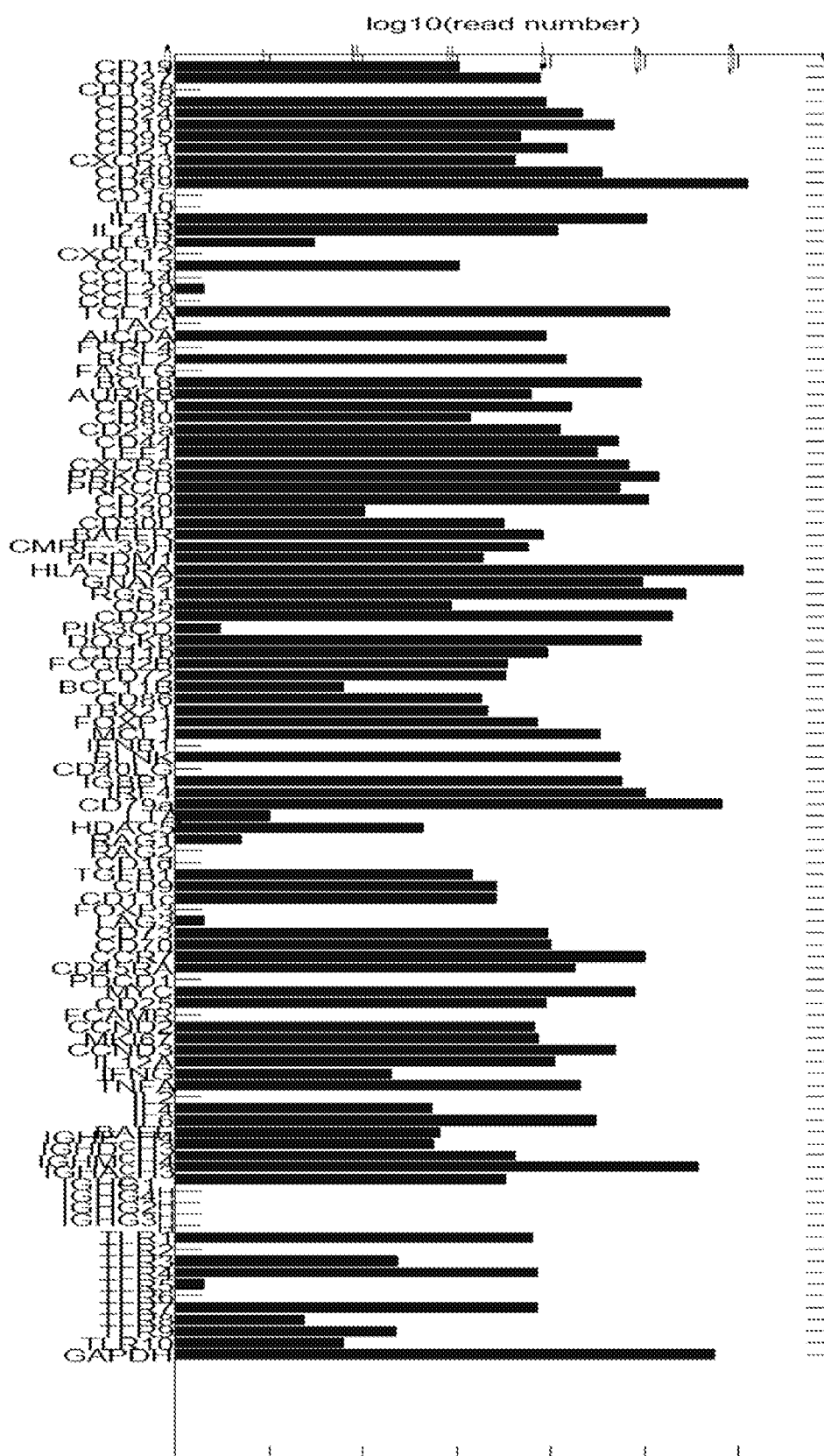


FIG. 24

44/116

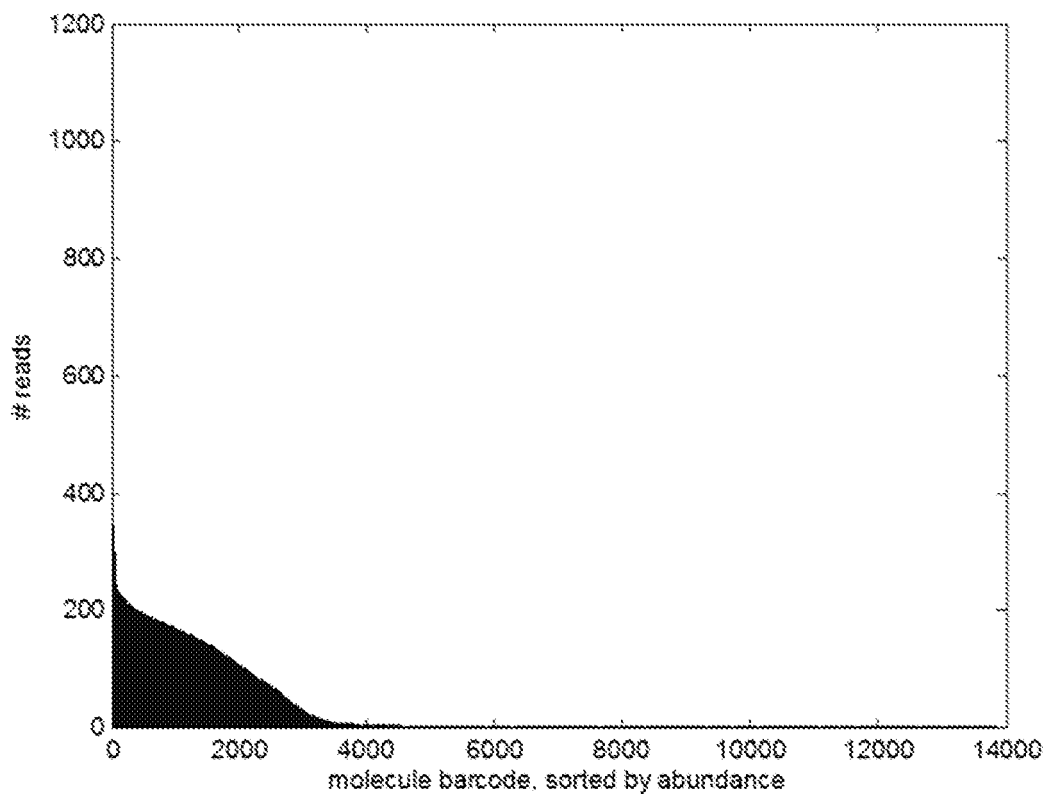


FIG. 25A

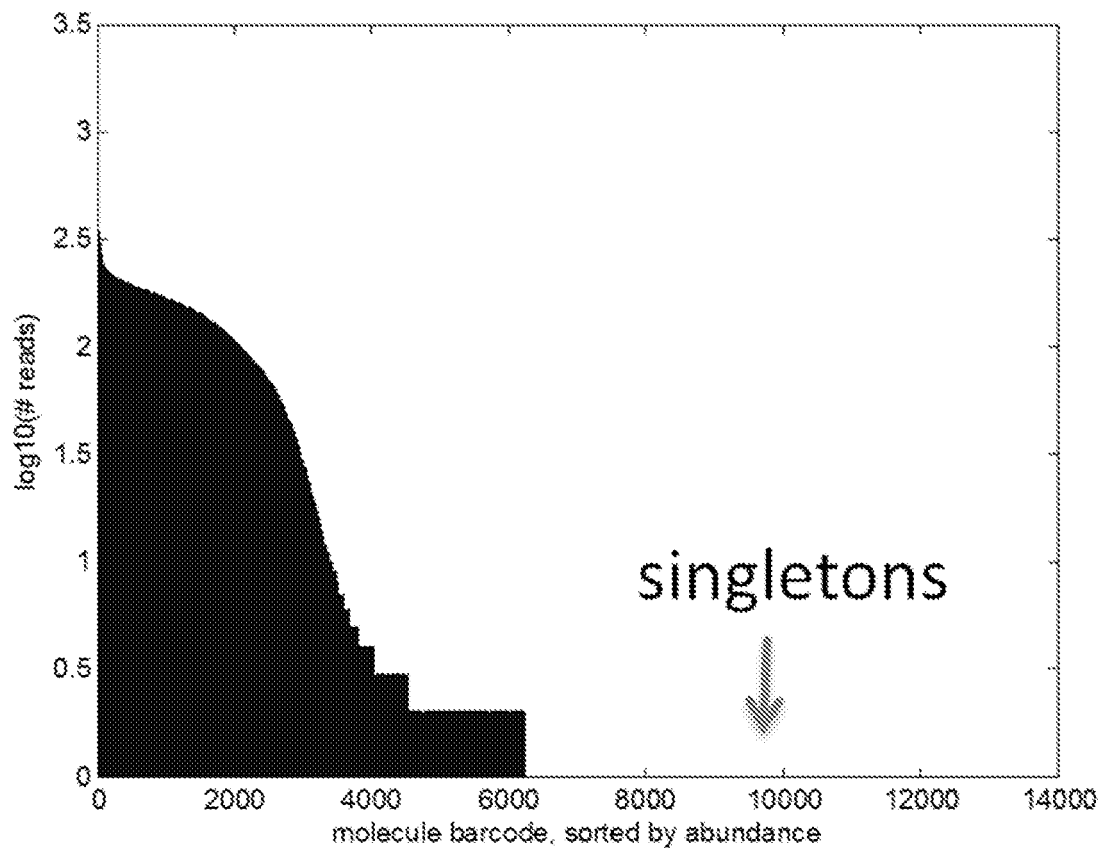
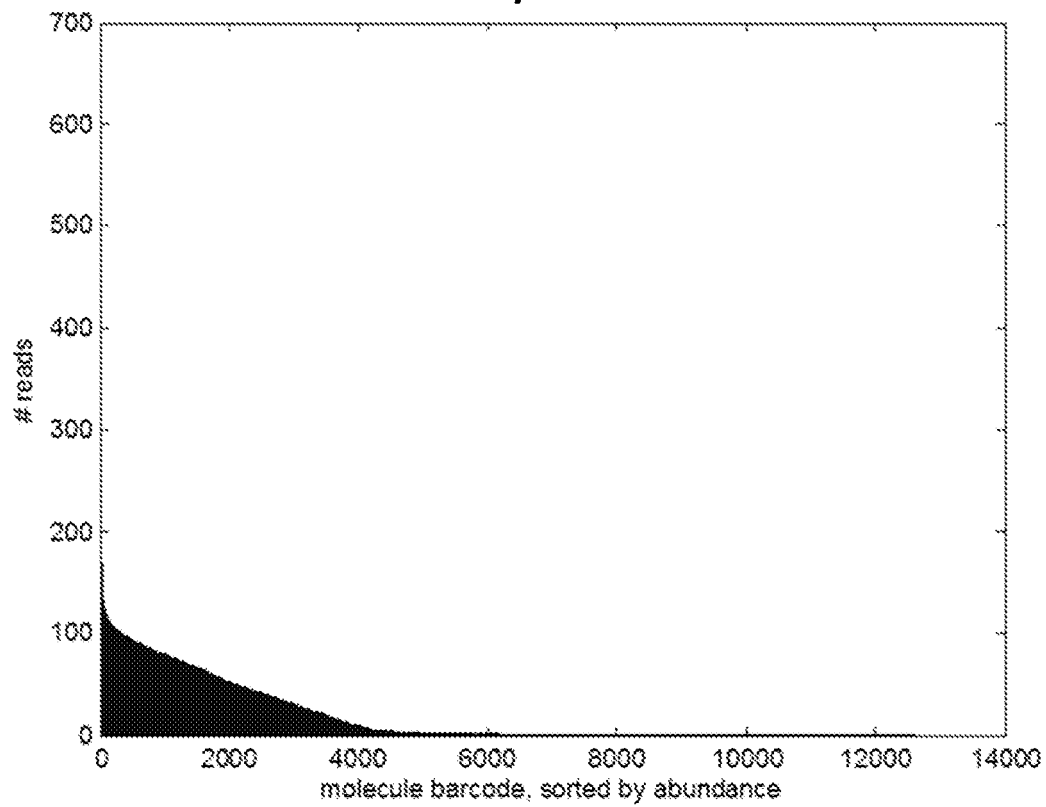
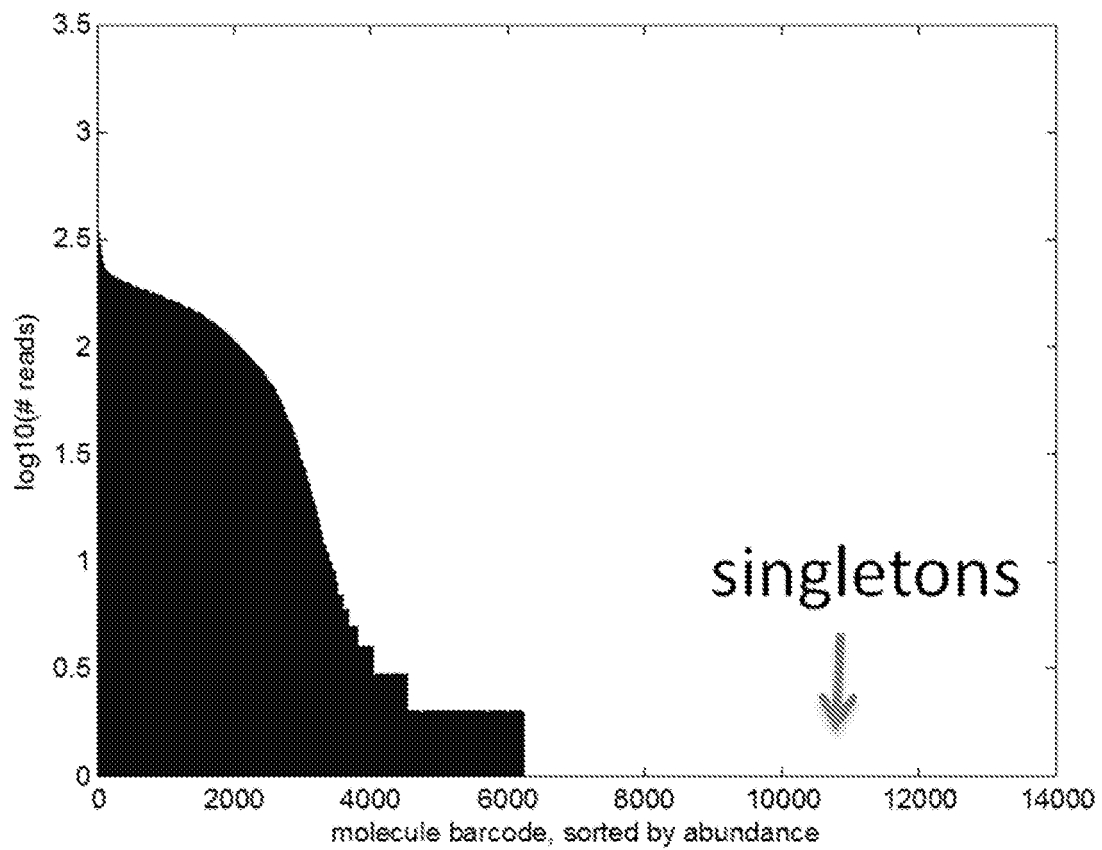


FIG. 25B

45/116**FIG. 25C****FIG. 25D**

46/116

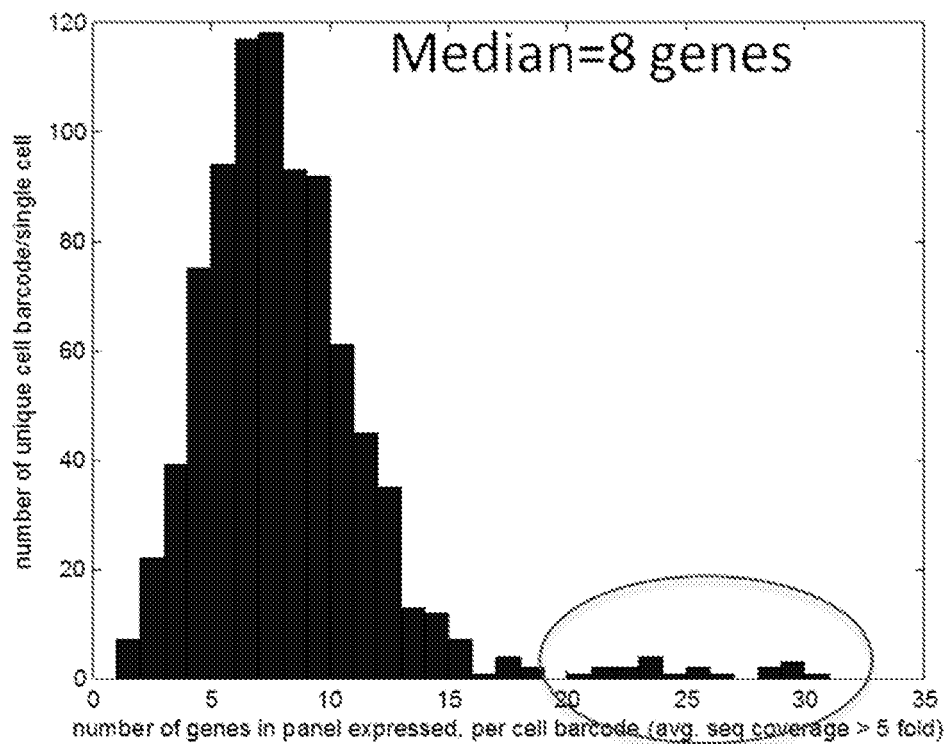


FIG. 26A

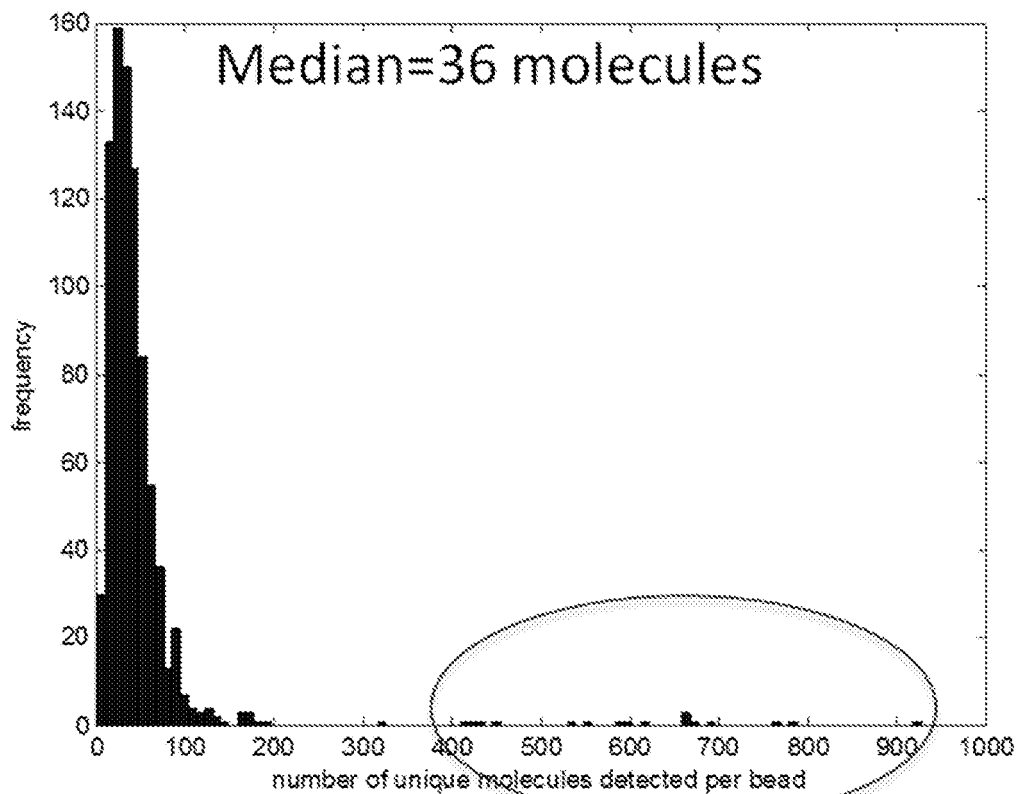


FIG. 26B

47/116

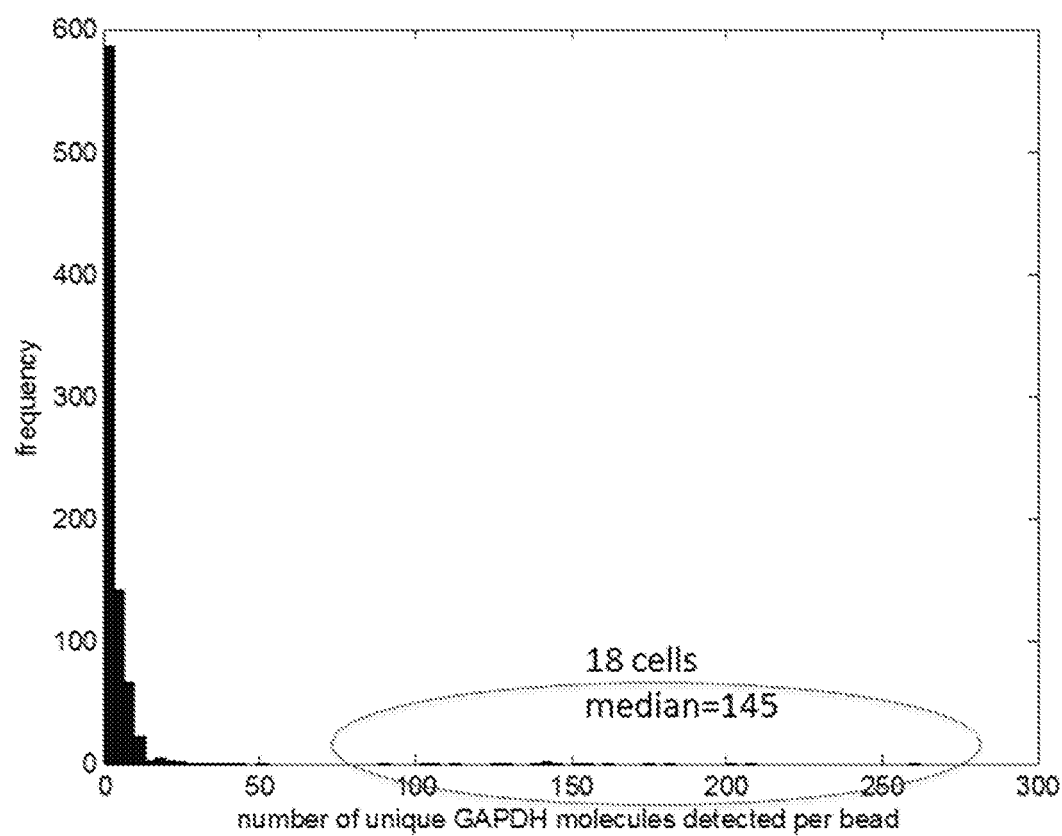


FIG. 26C

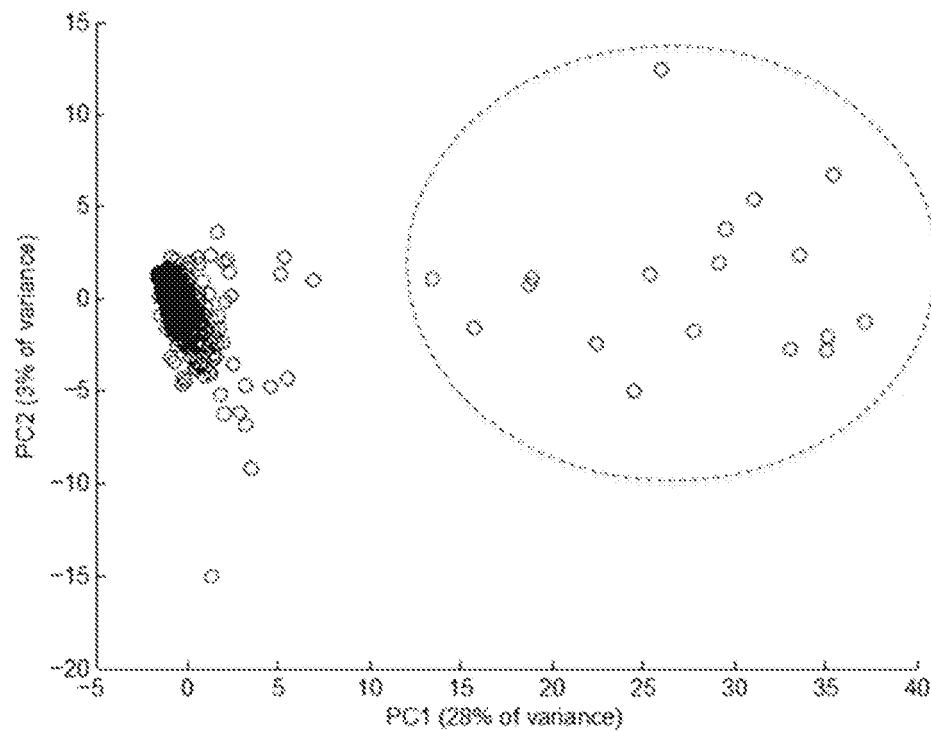


FIG. 27

48/116

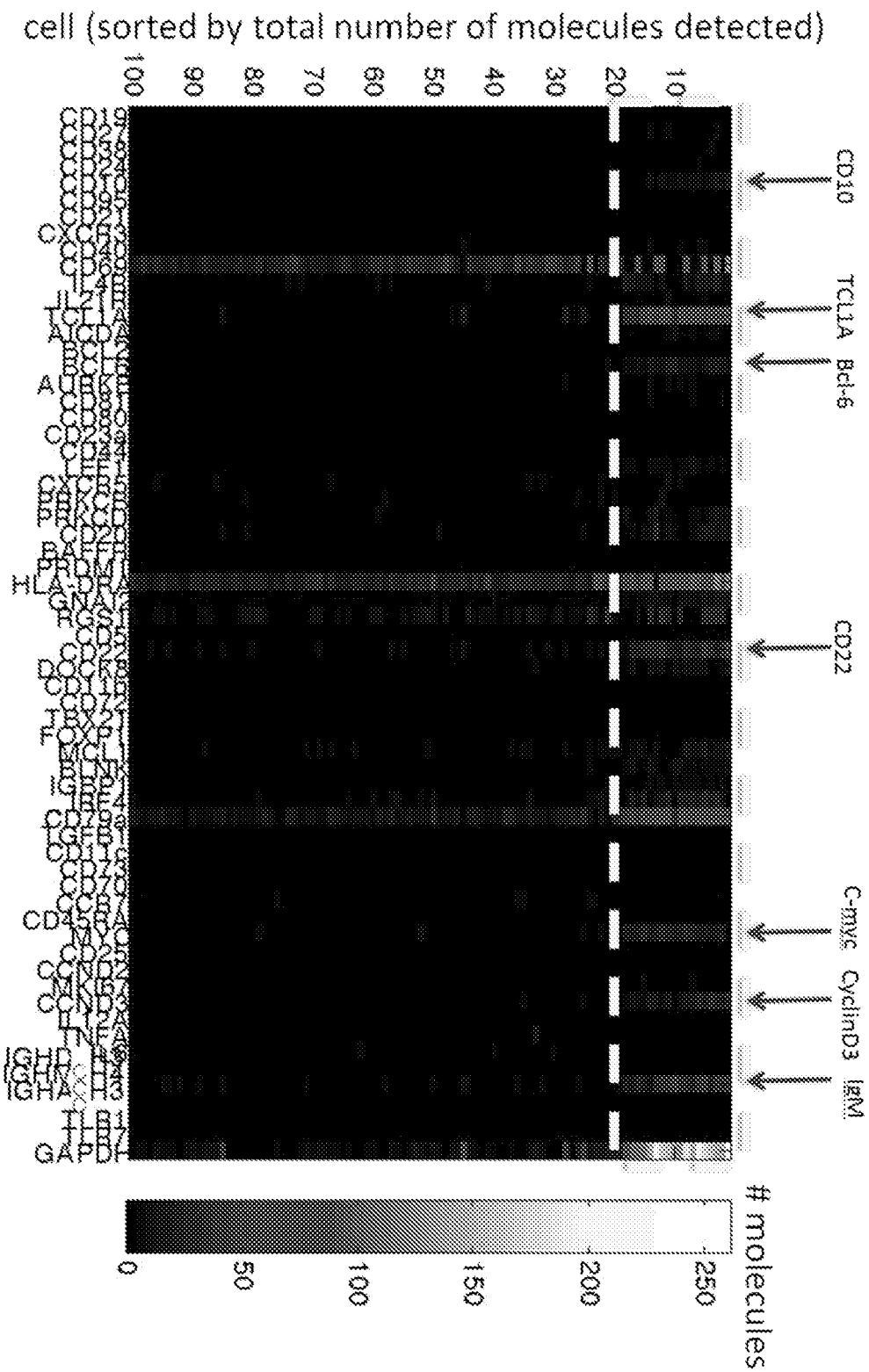


FIG. 28

49/116

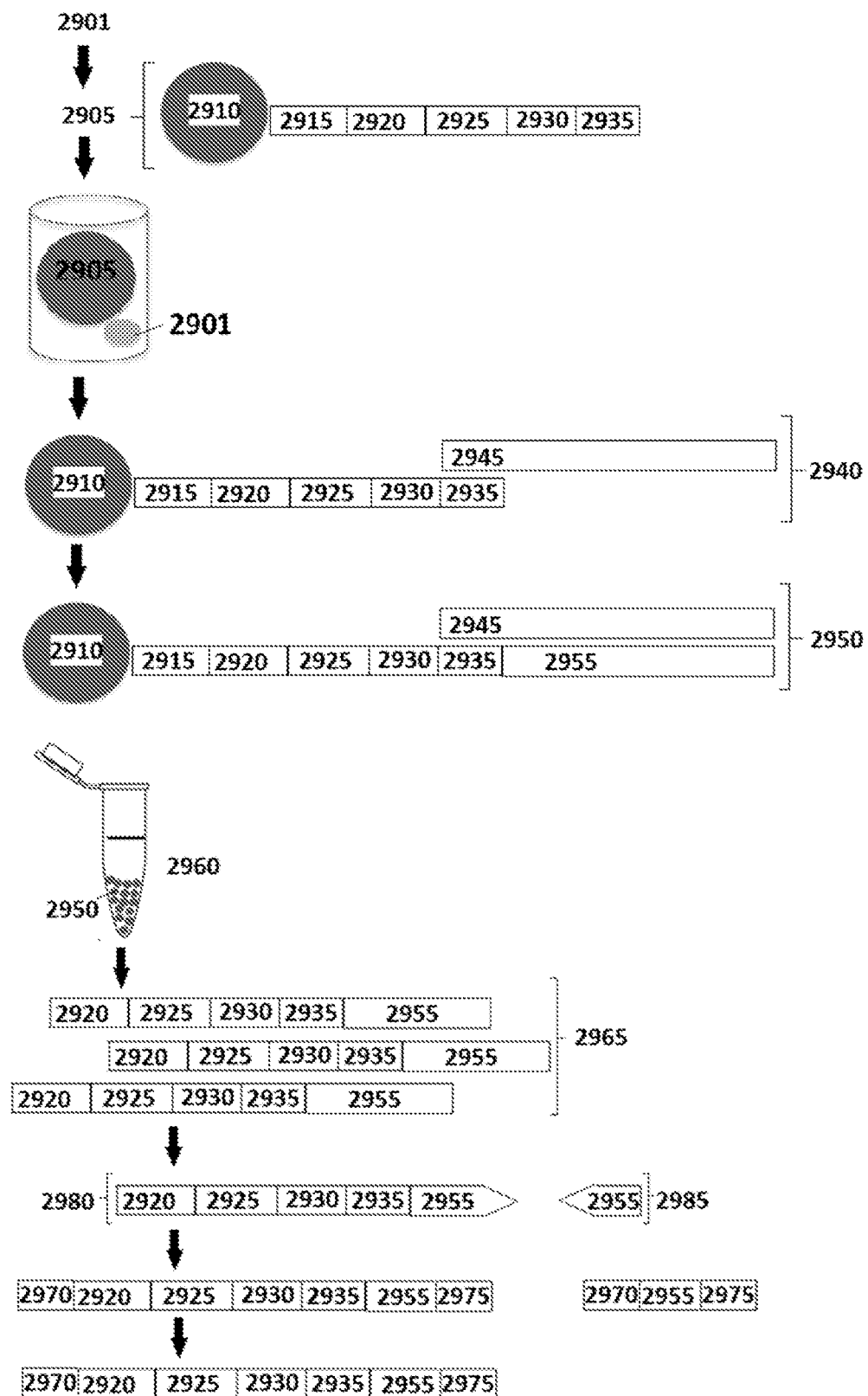


FIG. 29

50/116

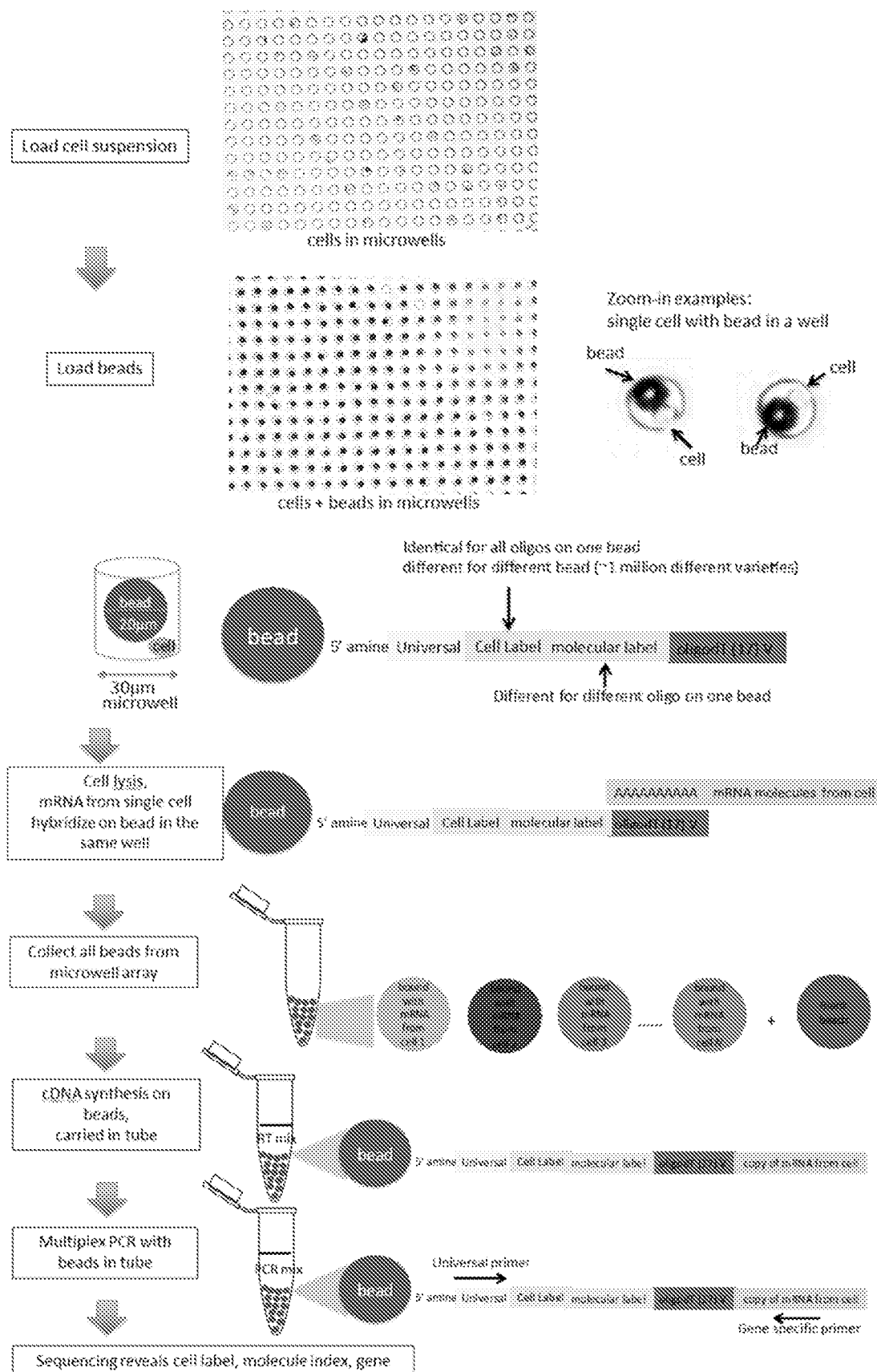


FIG. 30

51/116

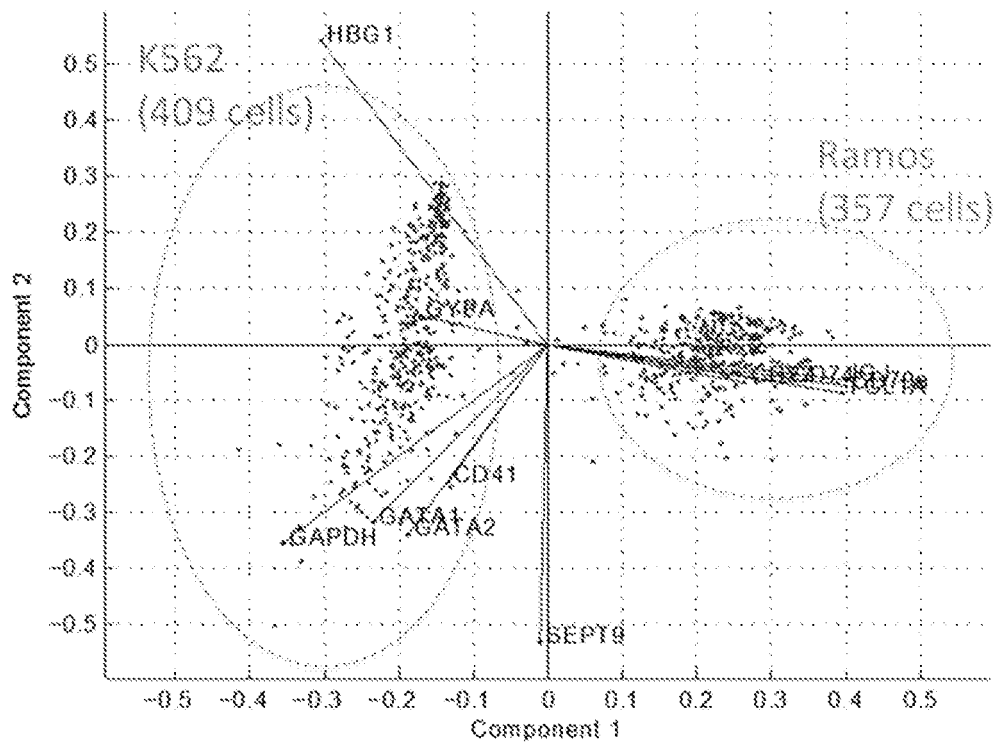


FIG. 31A

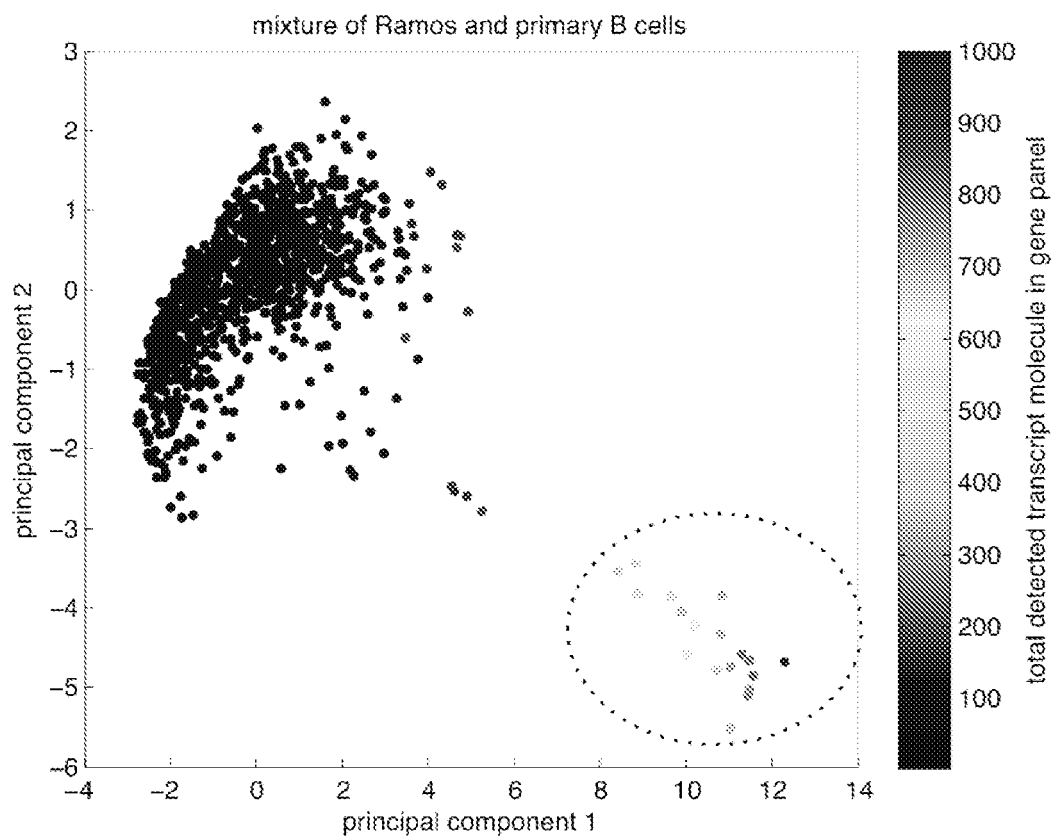


FIG. 31B

52/116

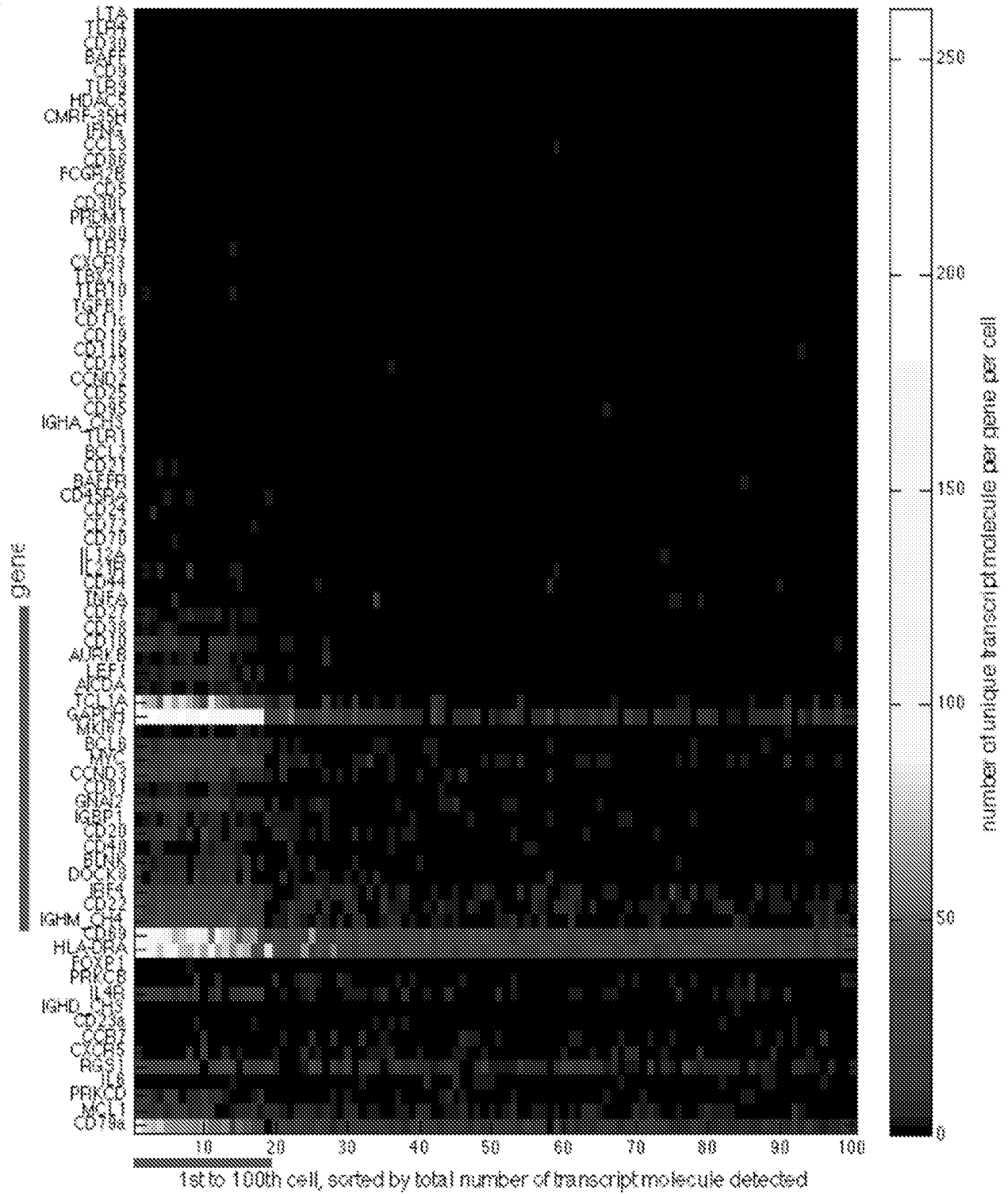


FIG. 31C

53/116



FIG. 31D

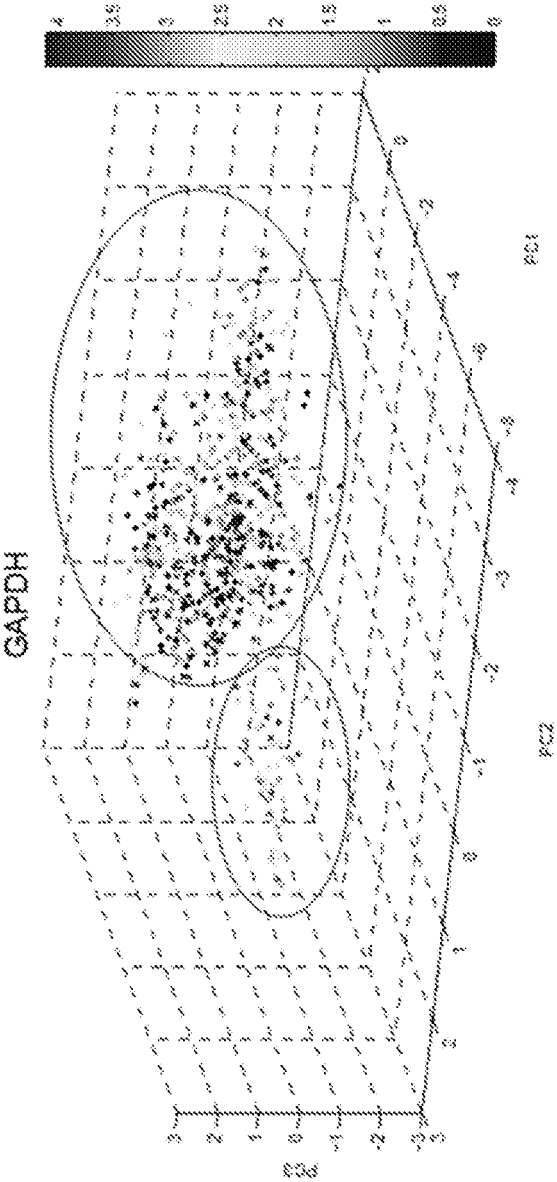


FIG. 32

55/116

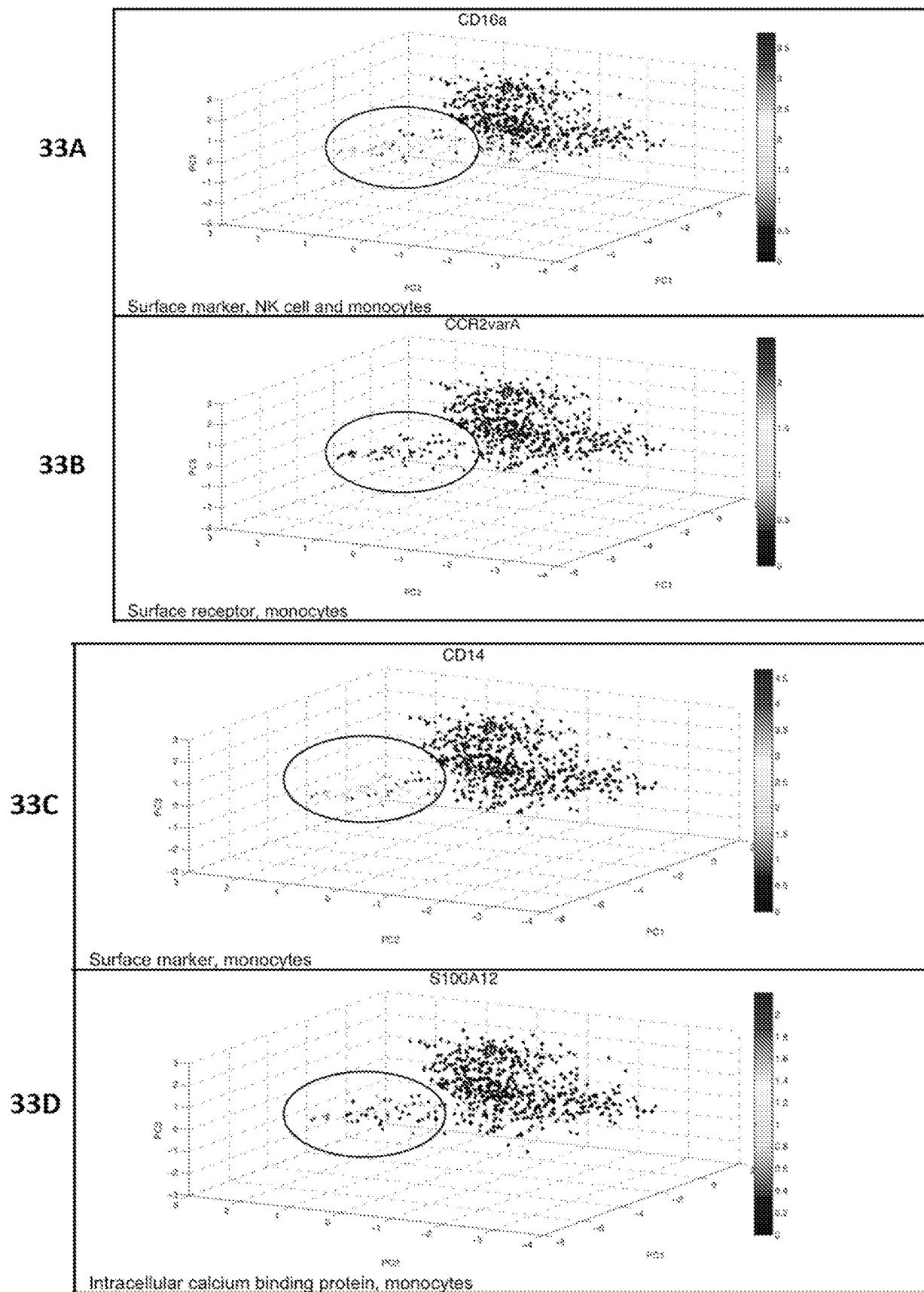


FIG. 33A-D

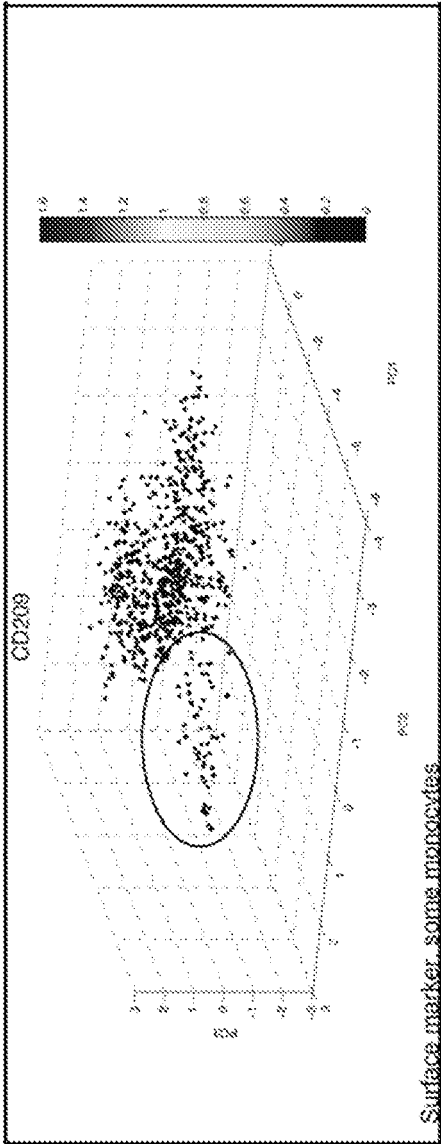


FIG. 33E

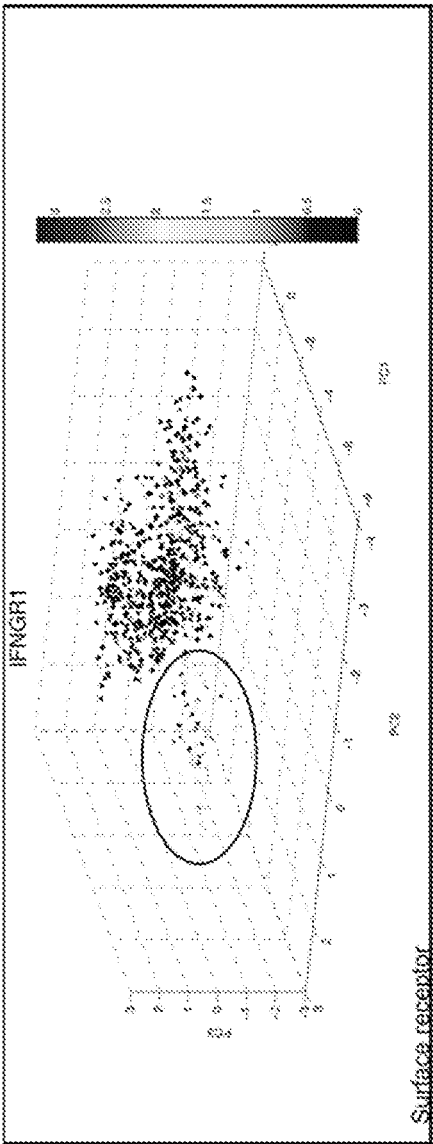


FIG. 33F

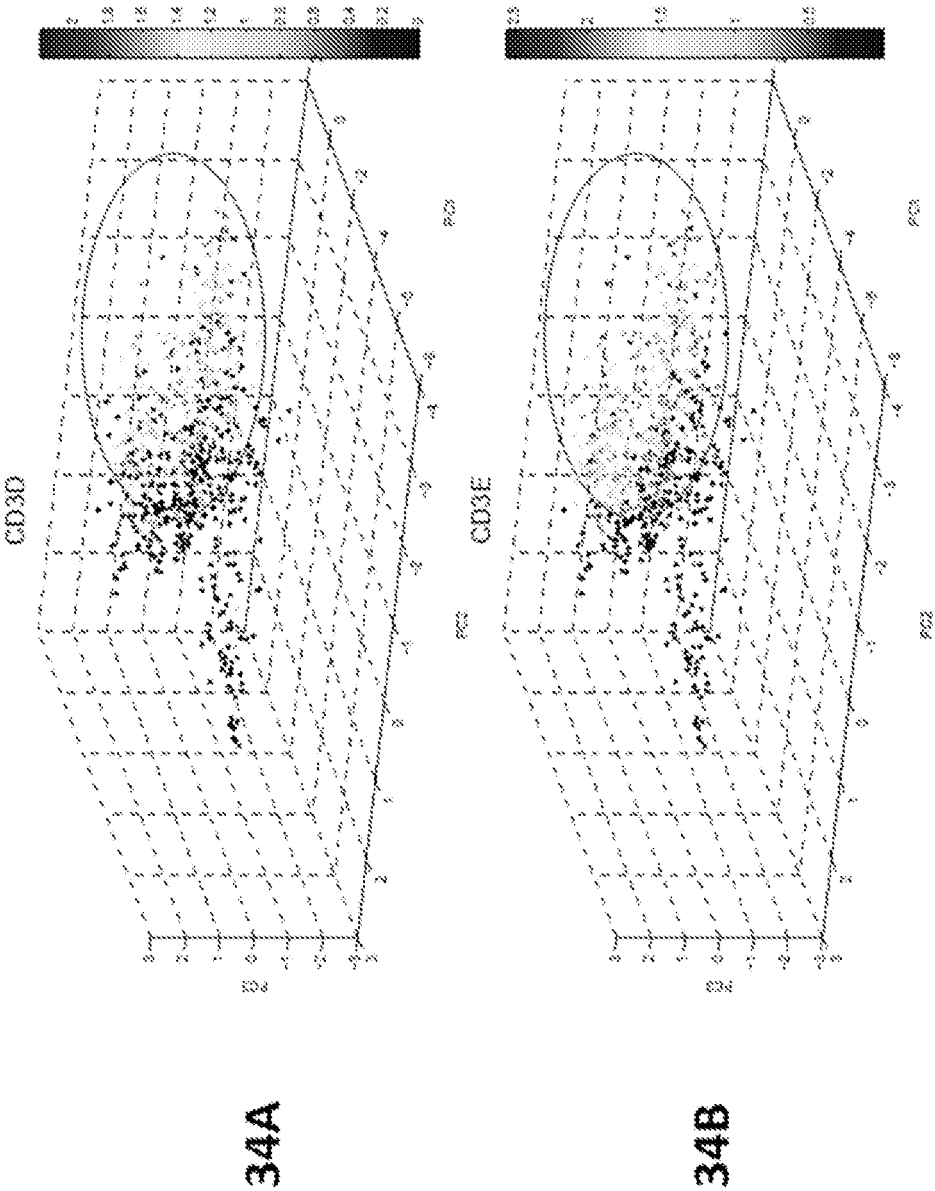
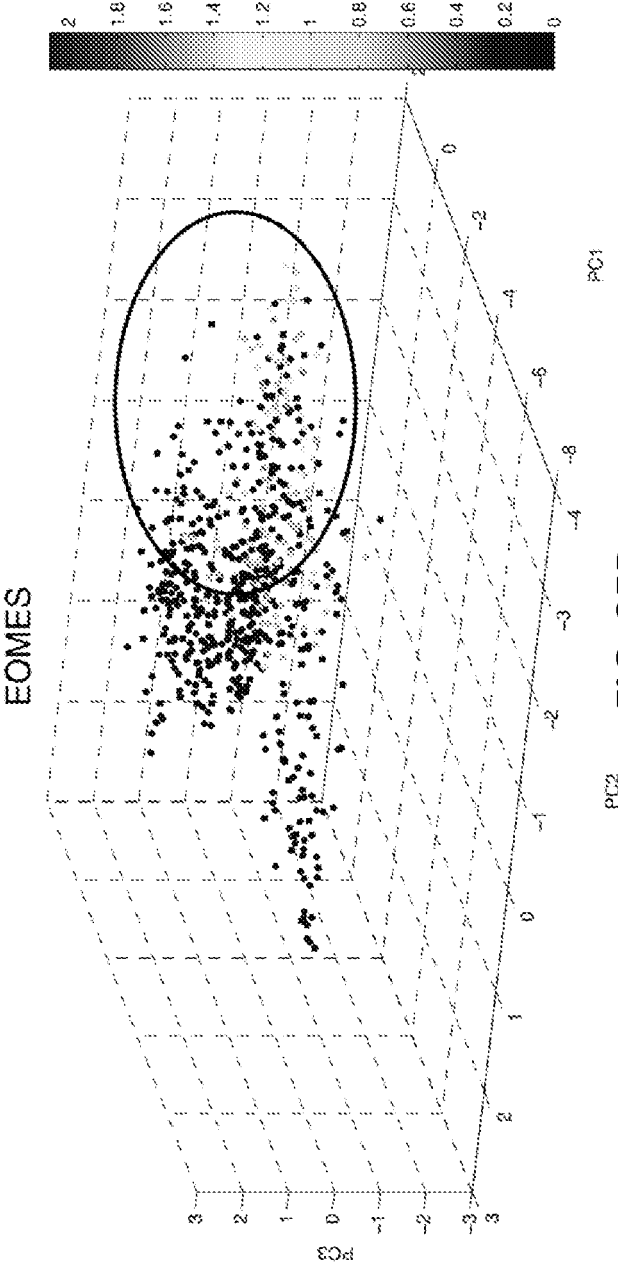
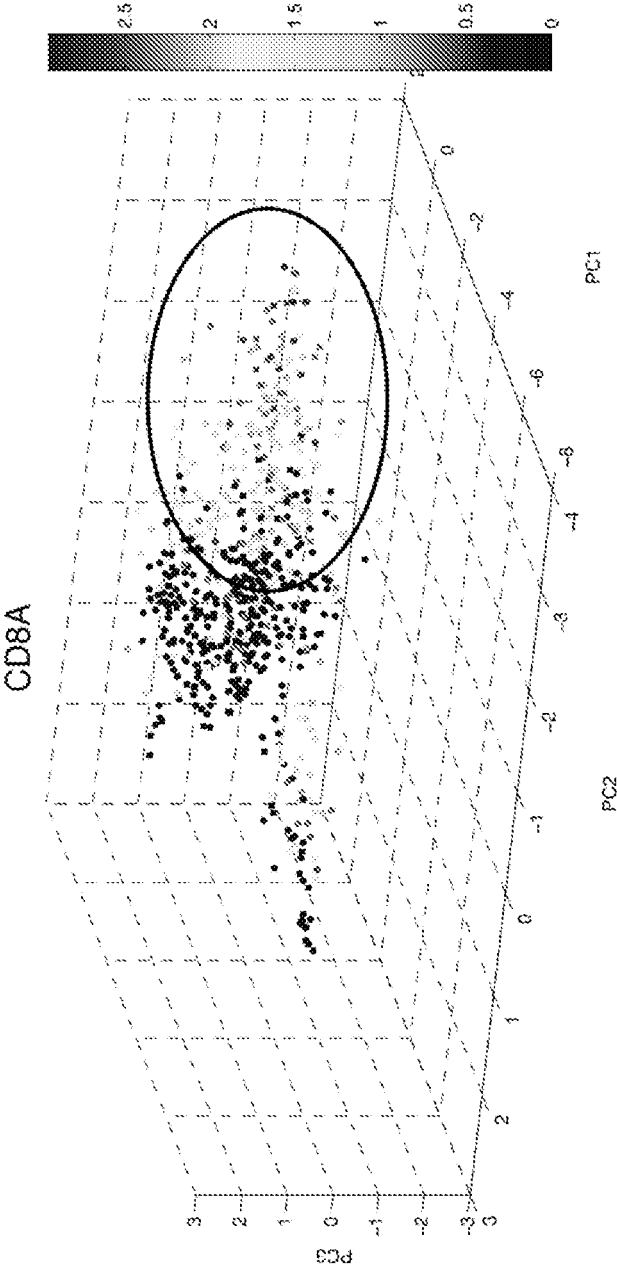


FIG. 34A-B



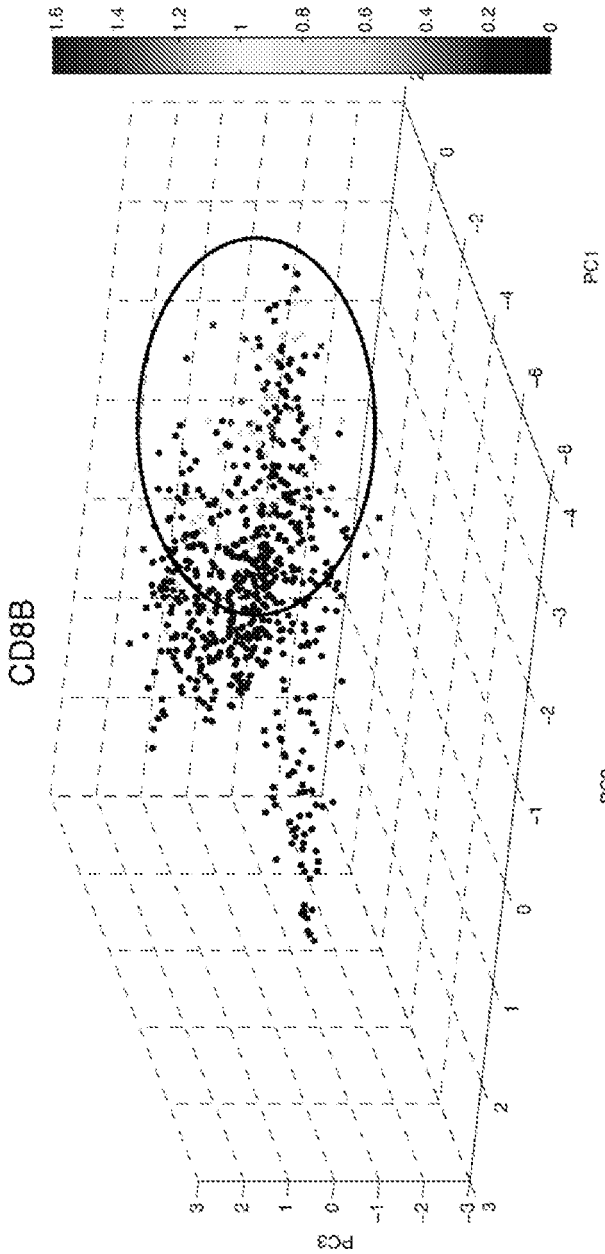


FIG. 35C

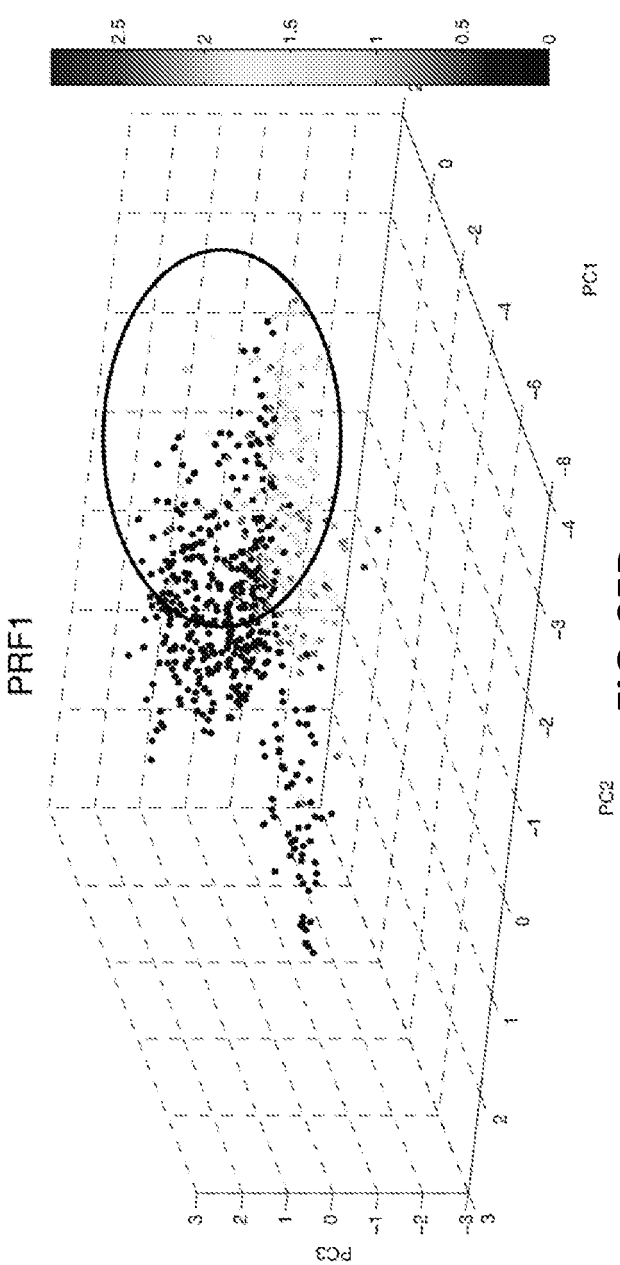
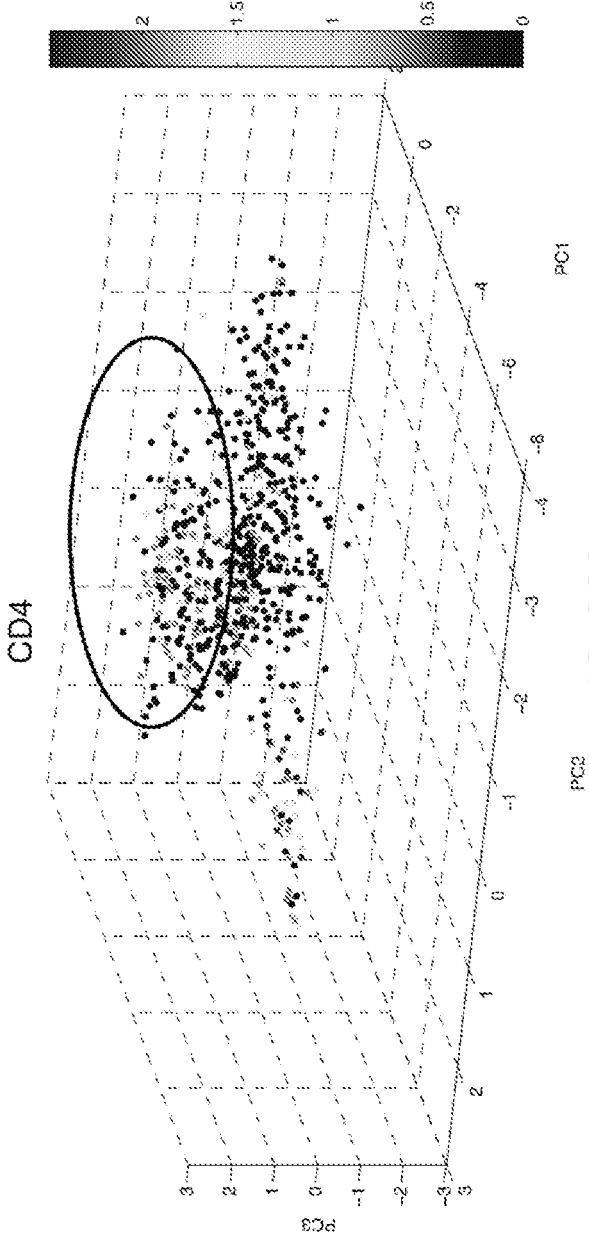
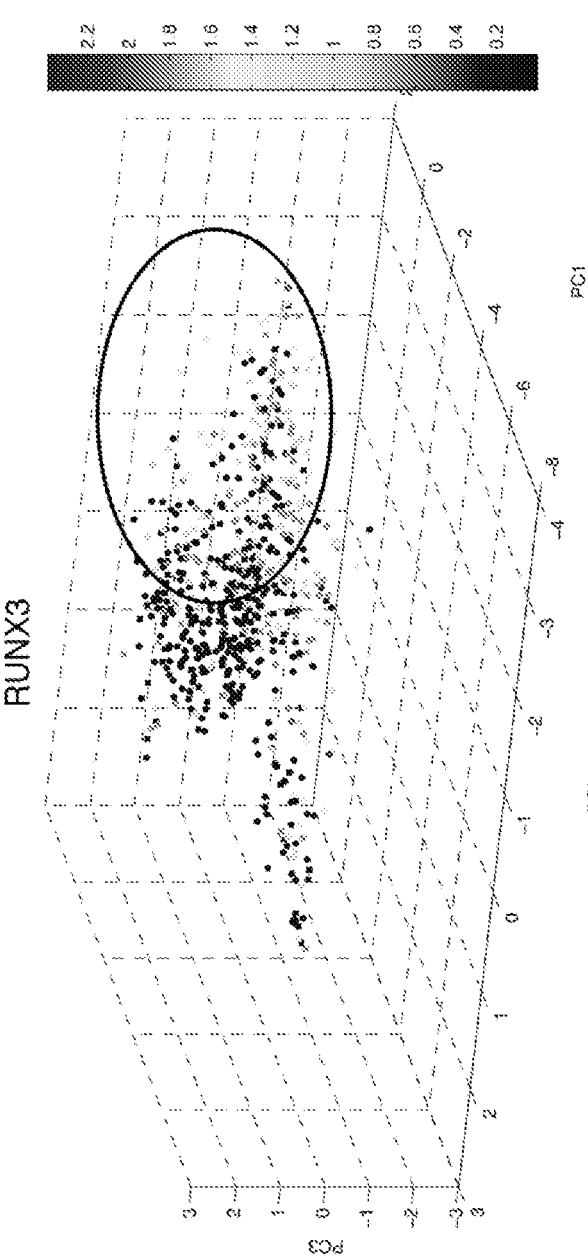


FIG. 35D



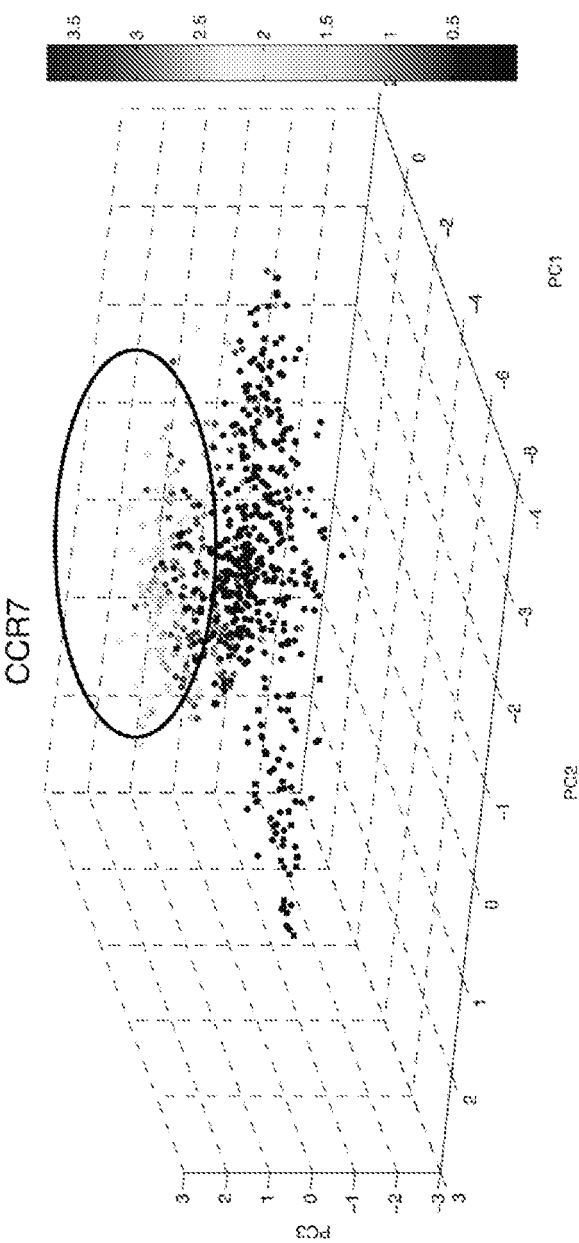


FIG. 36B

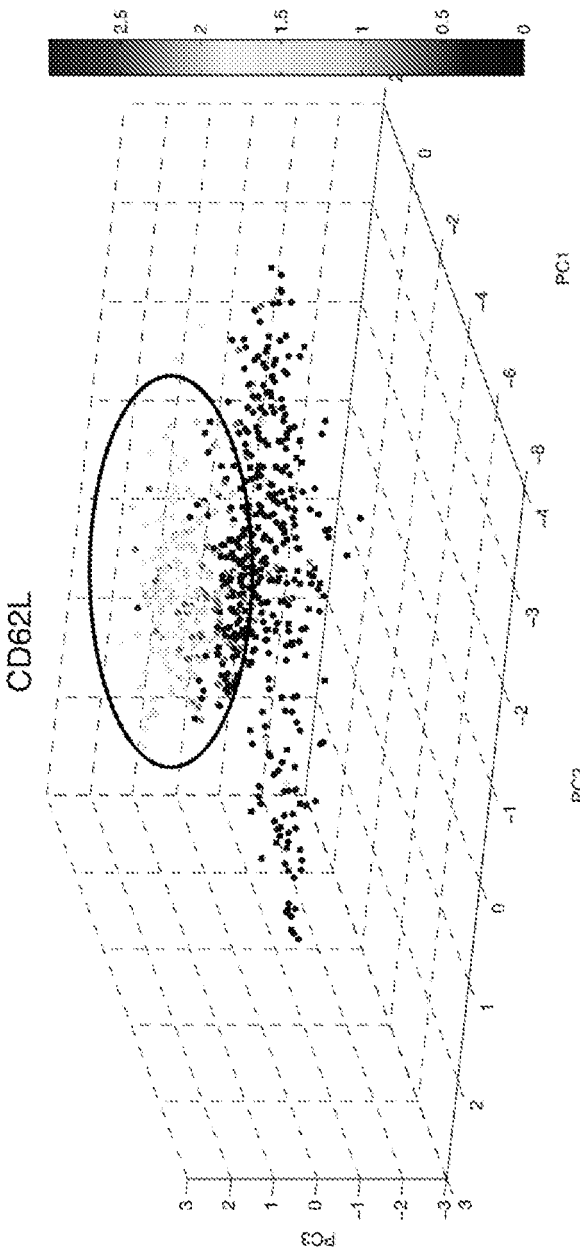
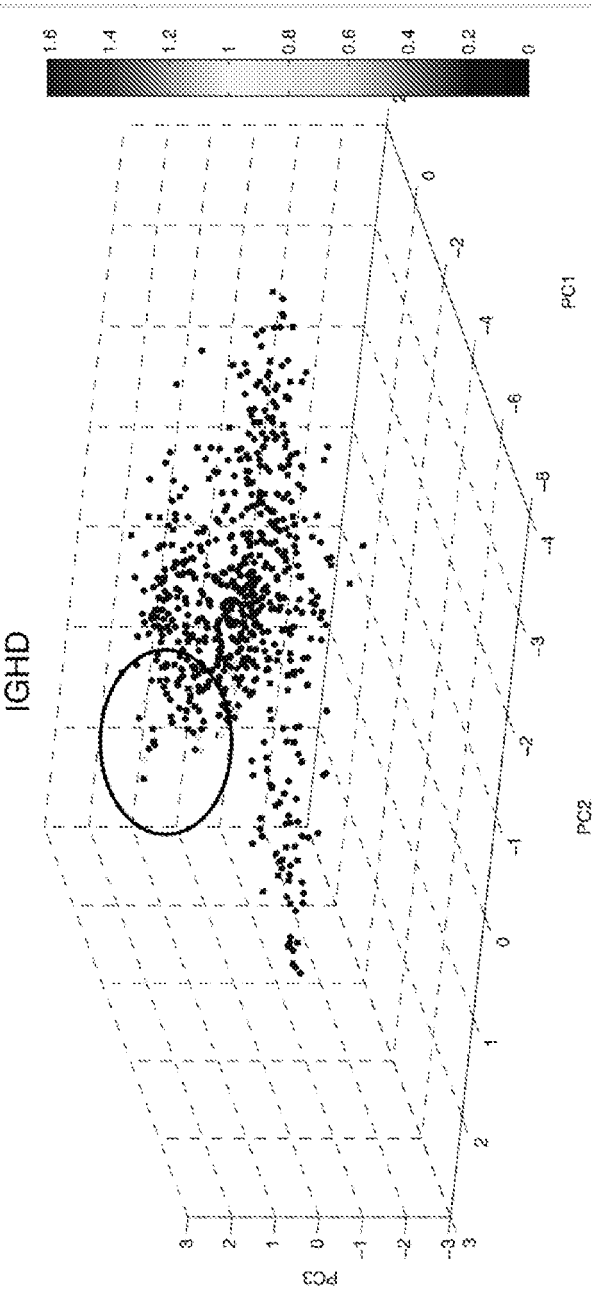
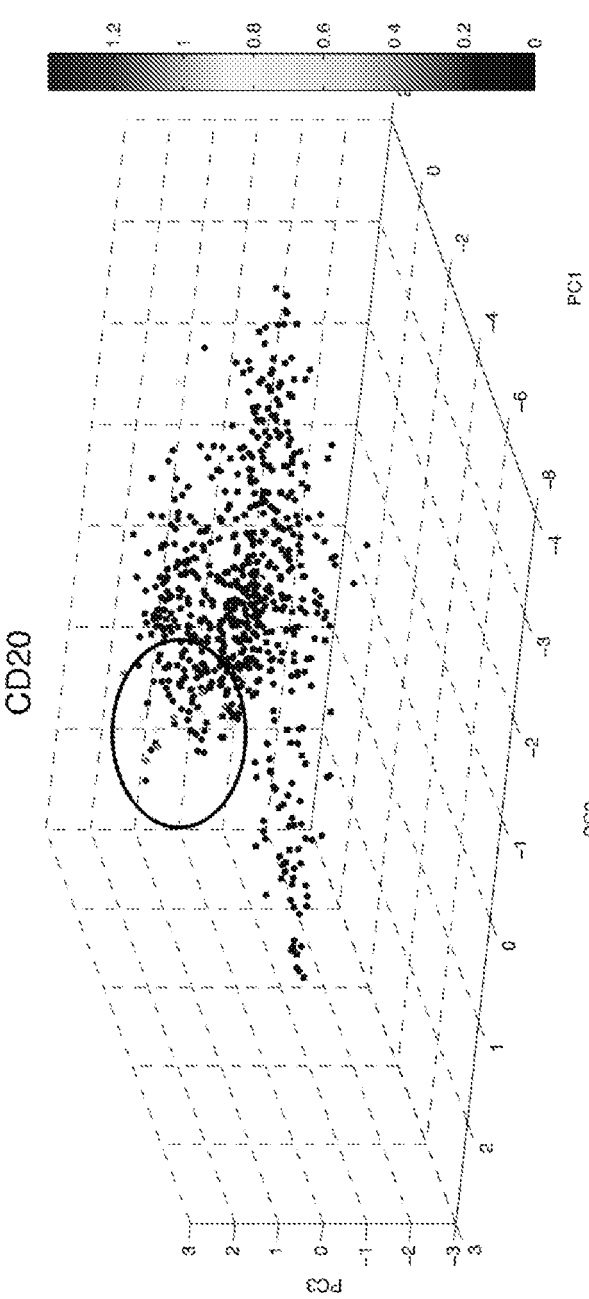
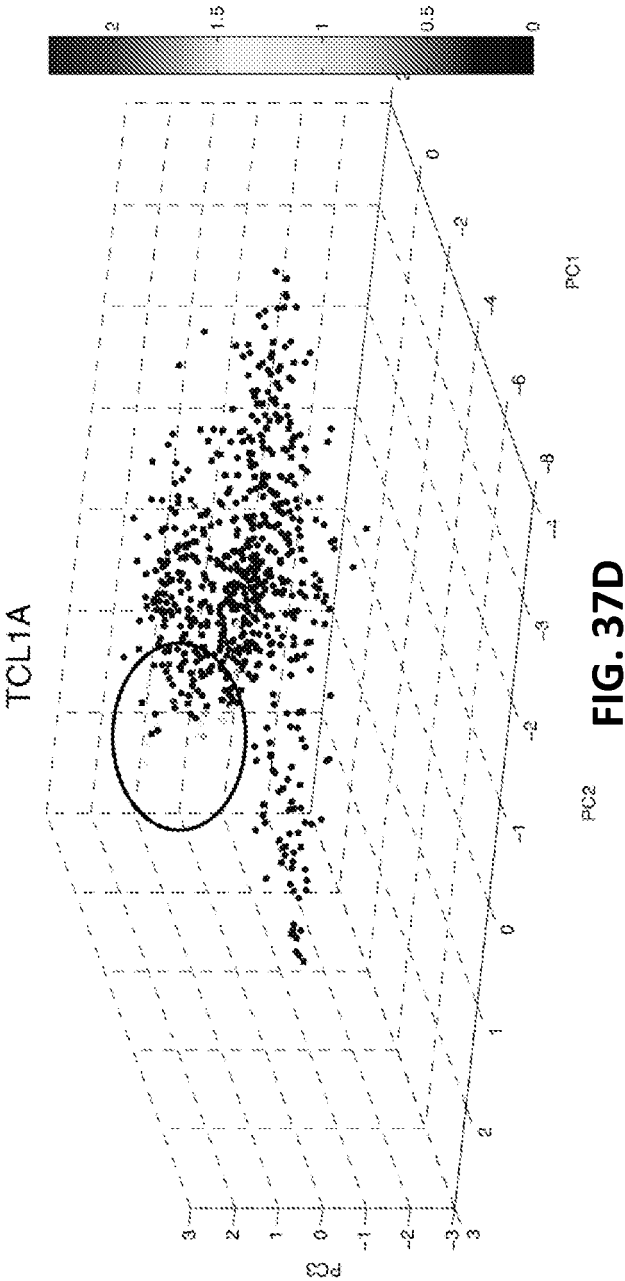
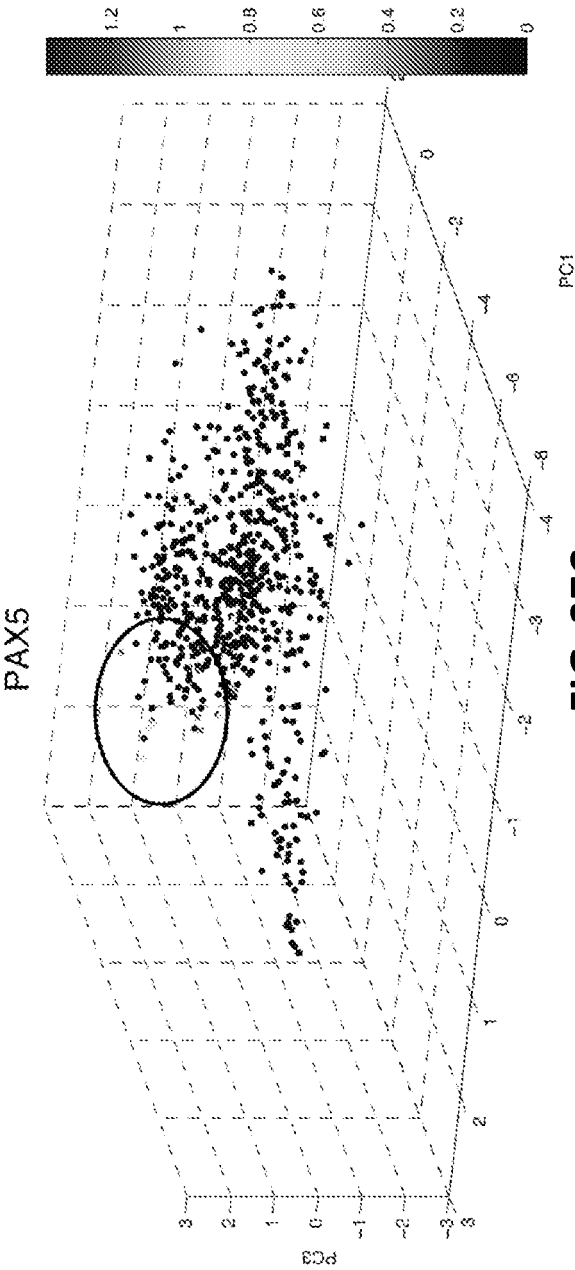
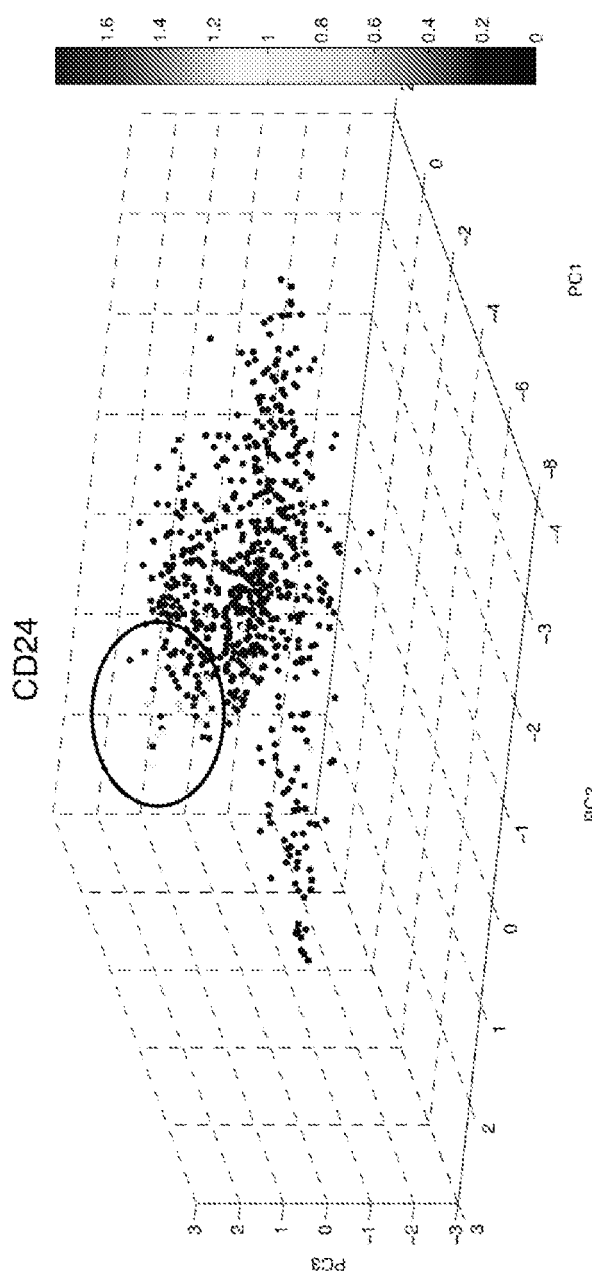
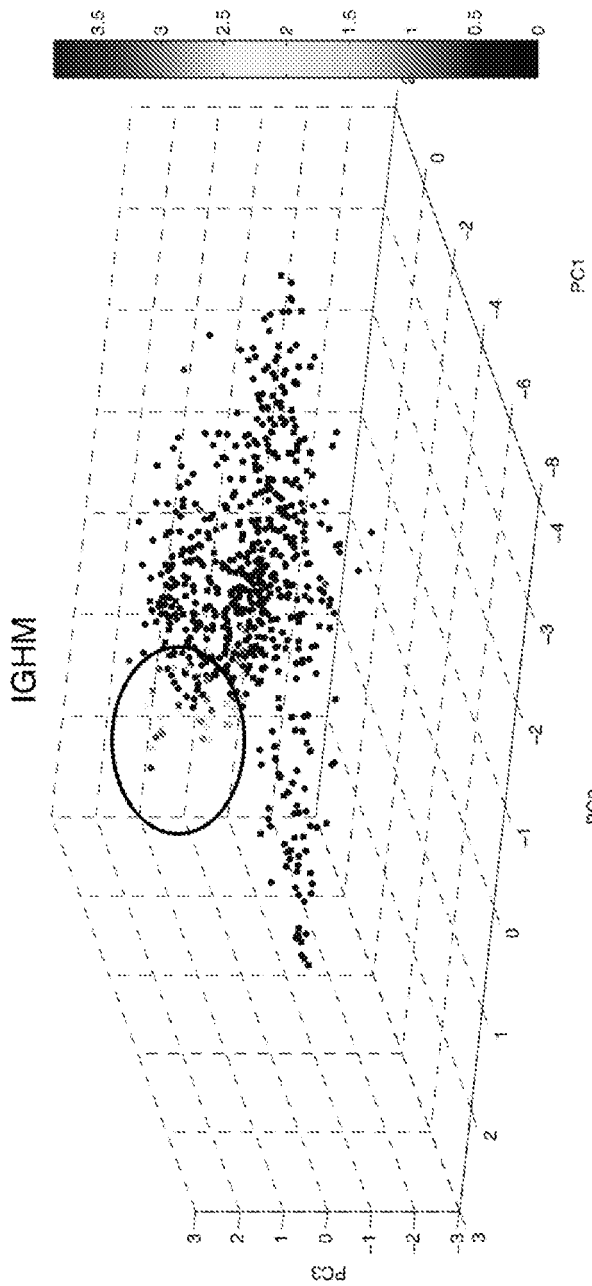
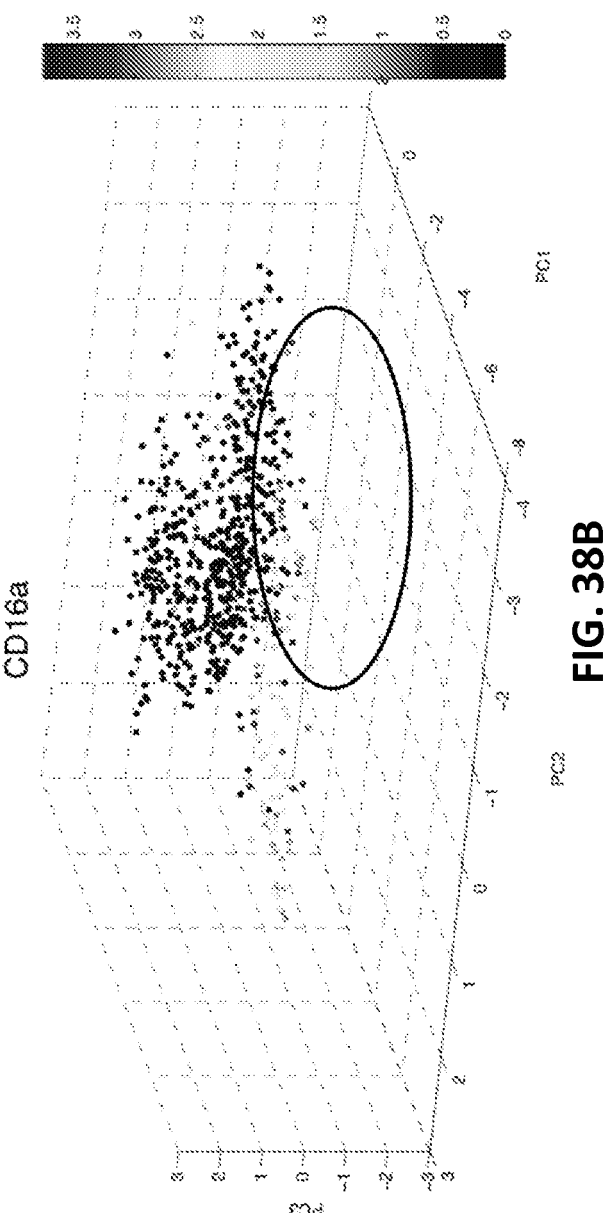
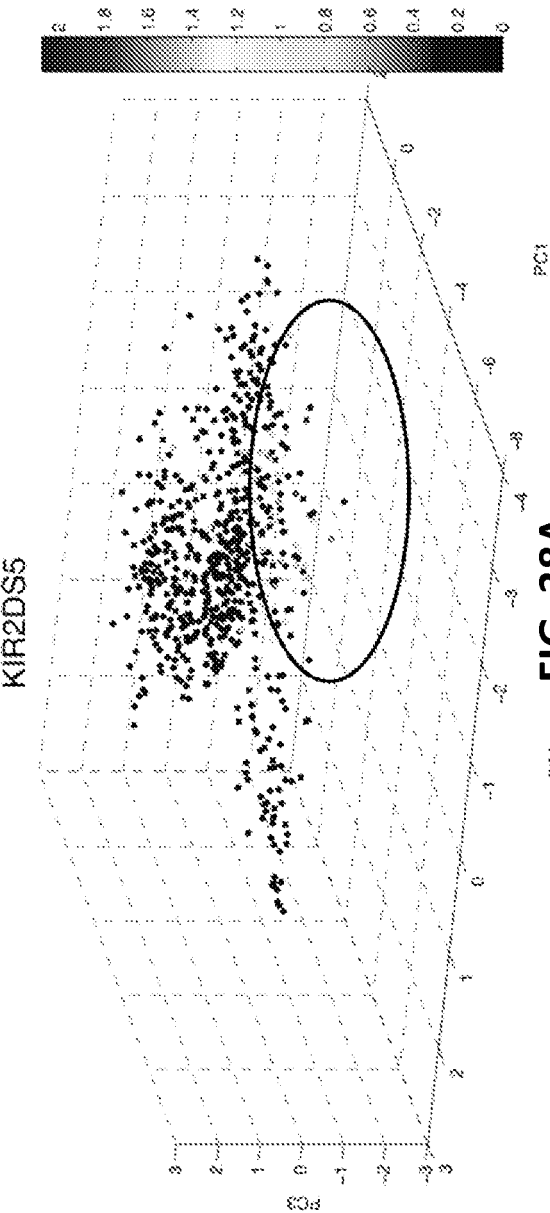


FIG. 36C









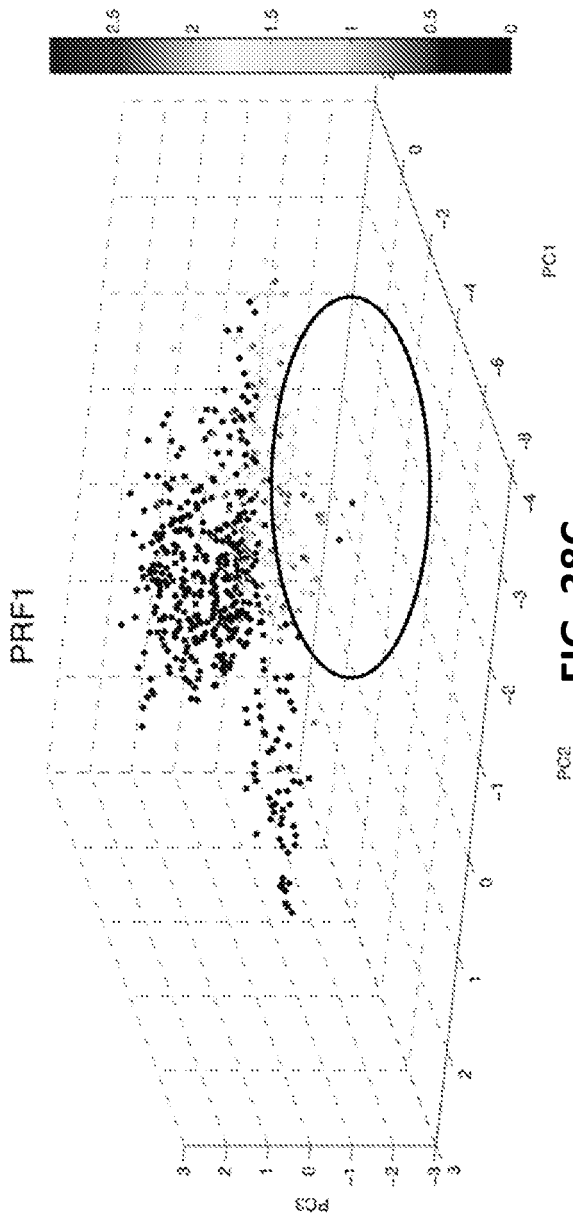


FIG. 38C

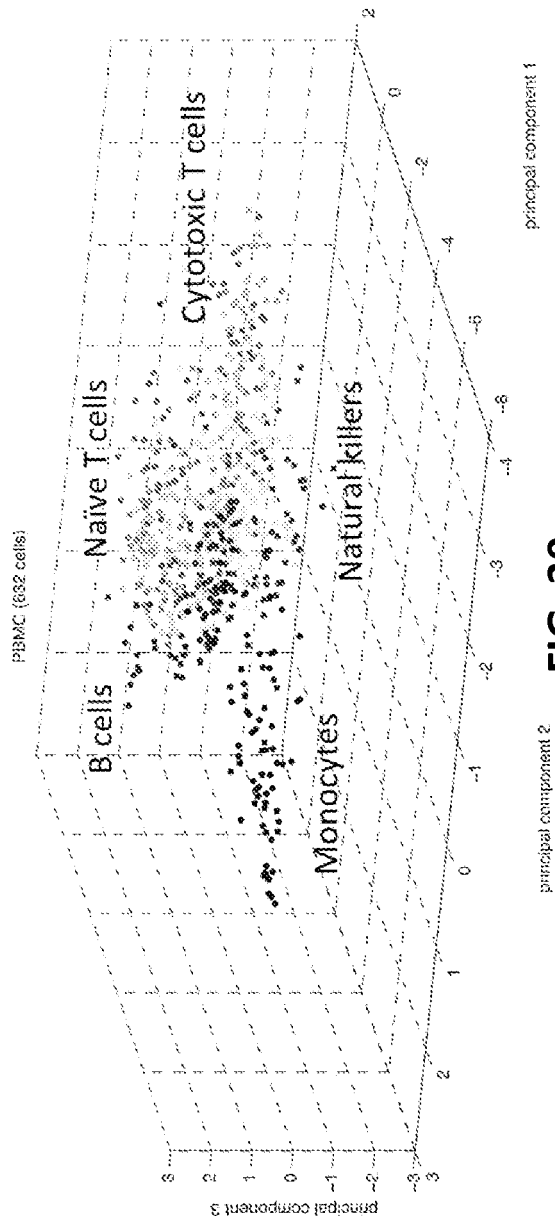


FIG. 39

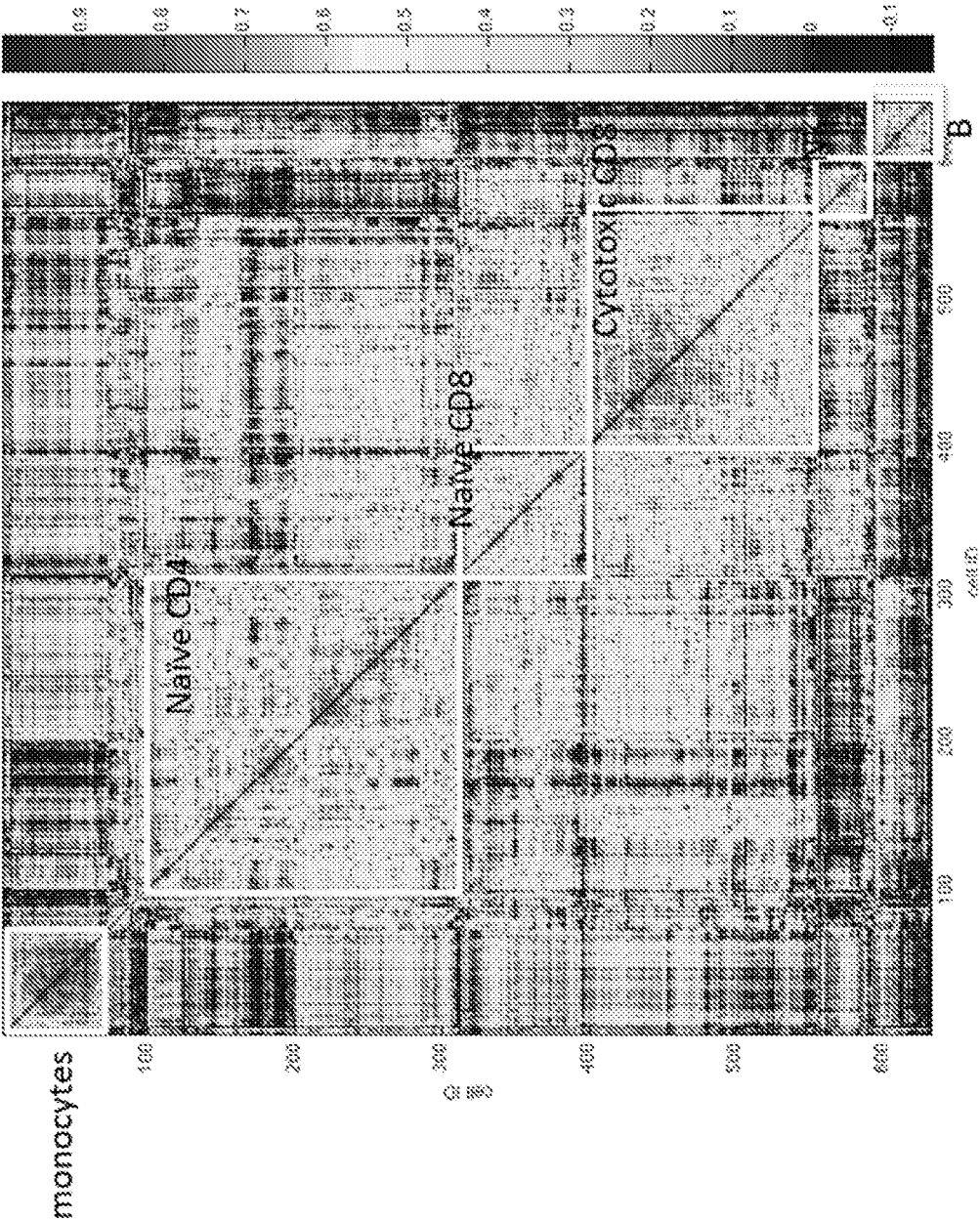


FIG. 40A

68/116

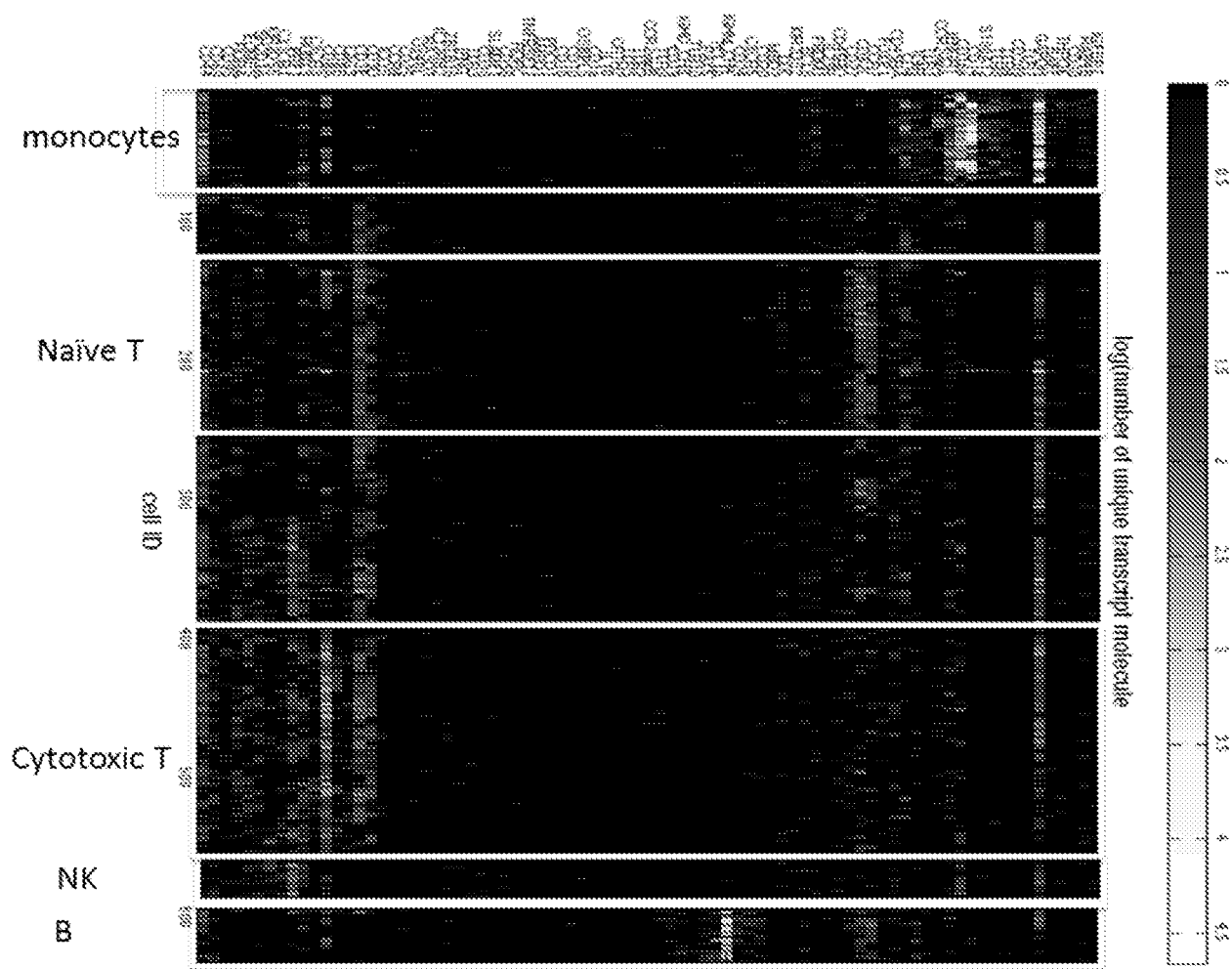


FIG. 40B

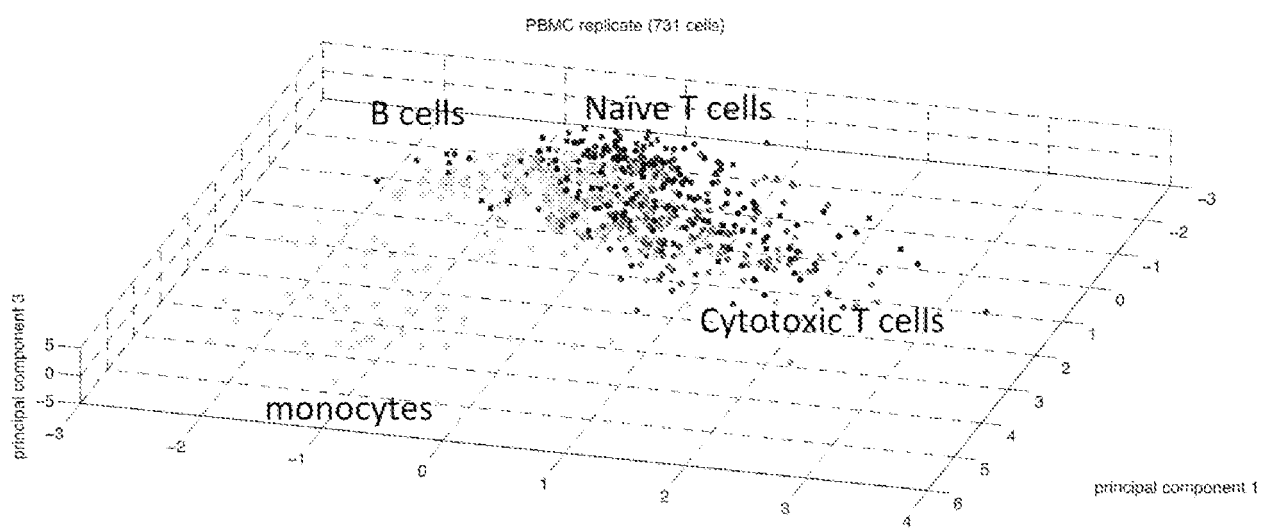


FIG. 41

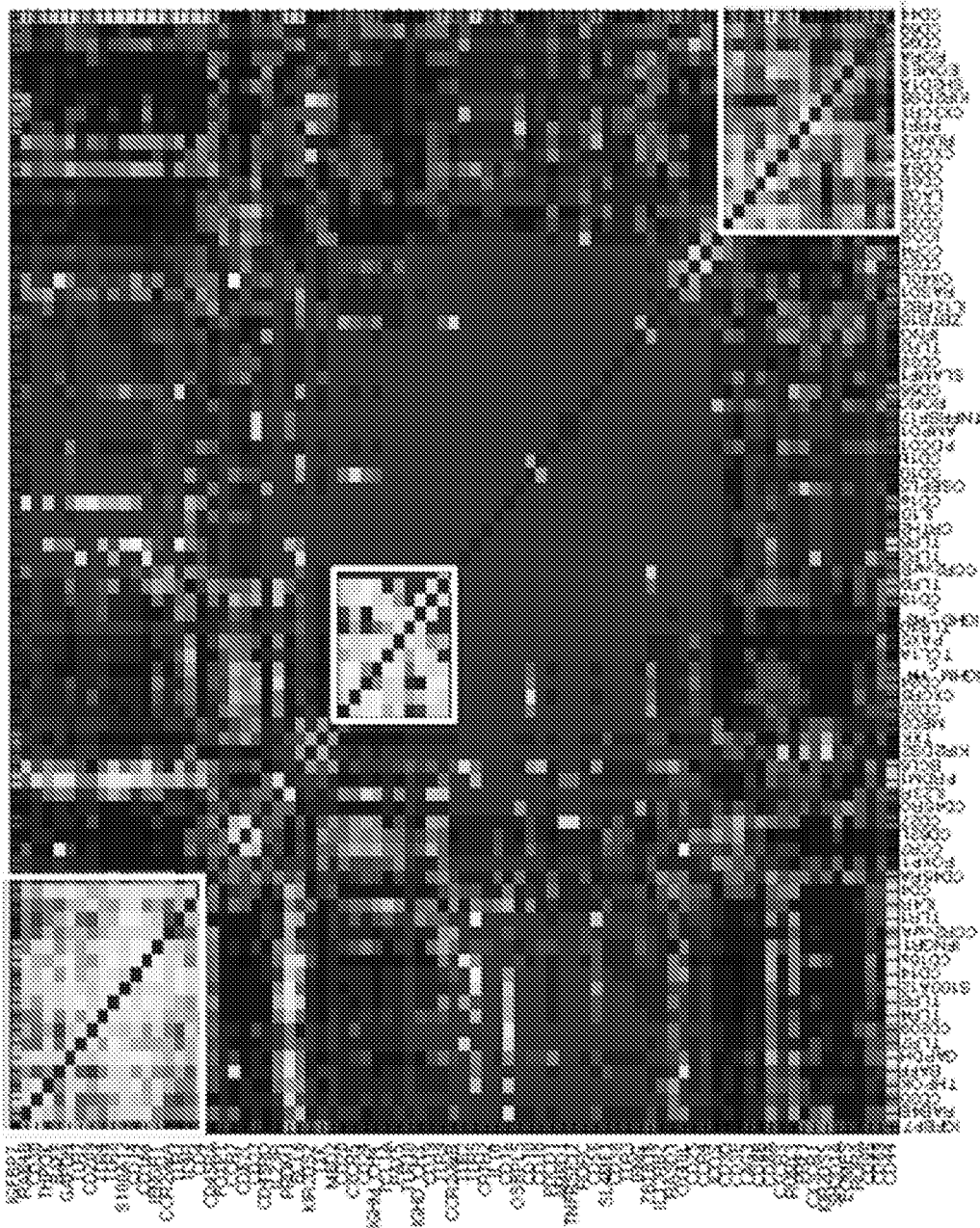


FIG. 42

70/116

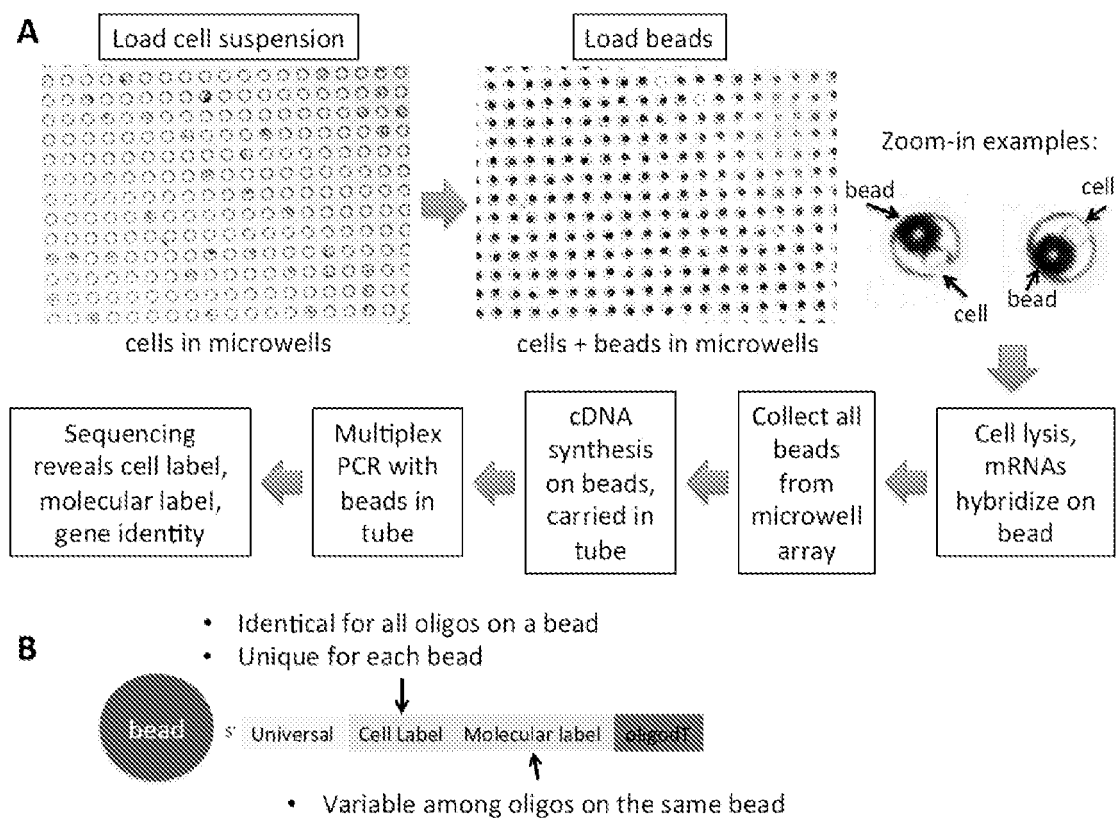


FIG. 43

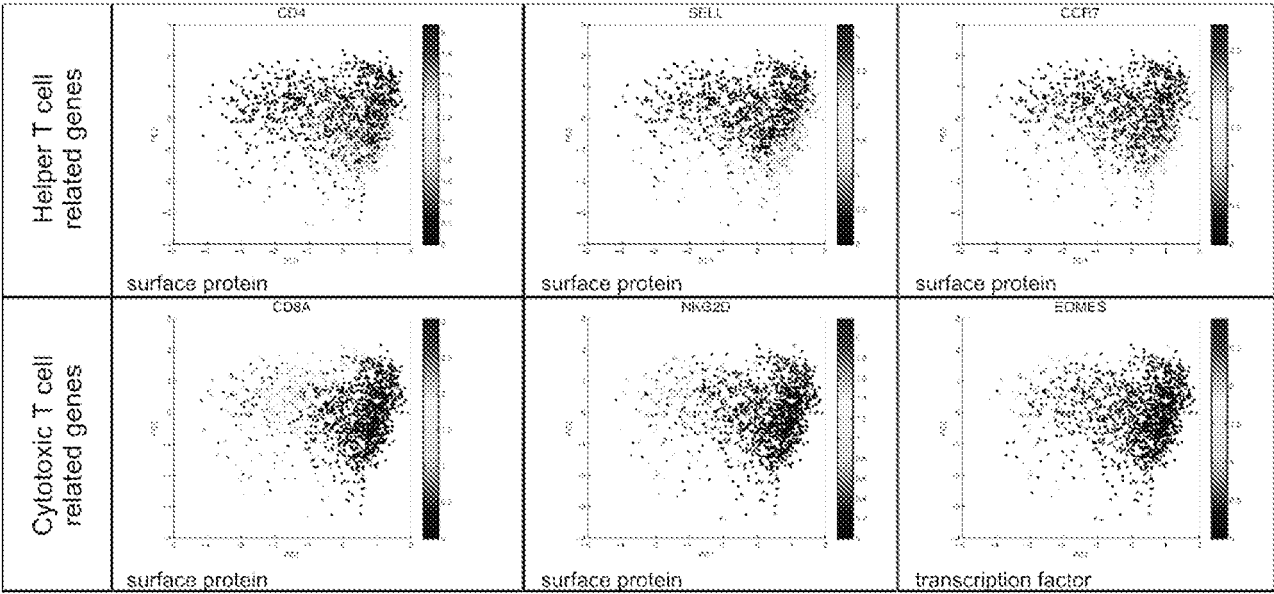


FIG. 44A

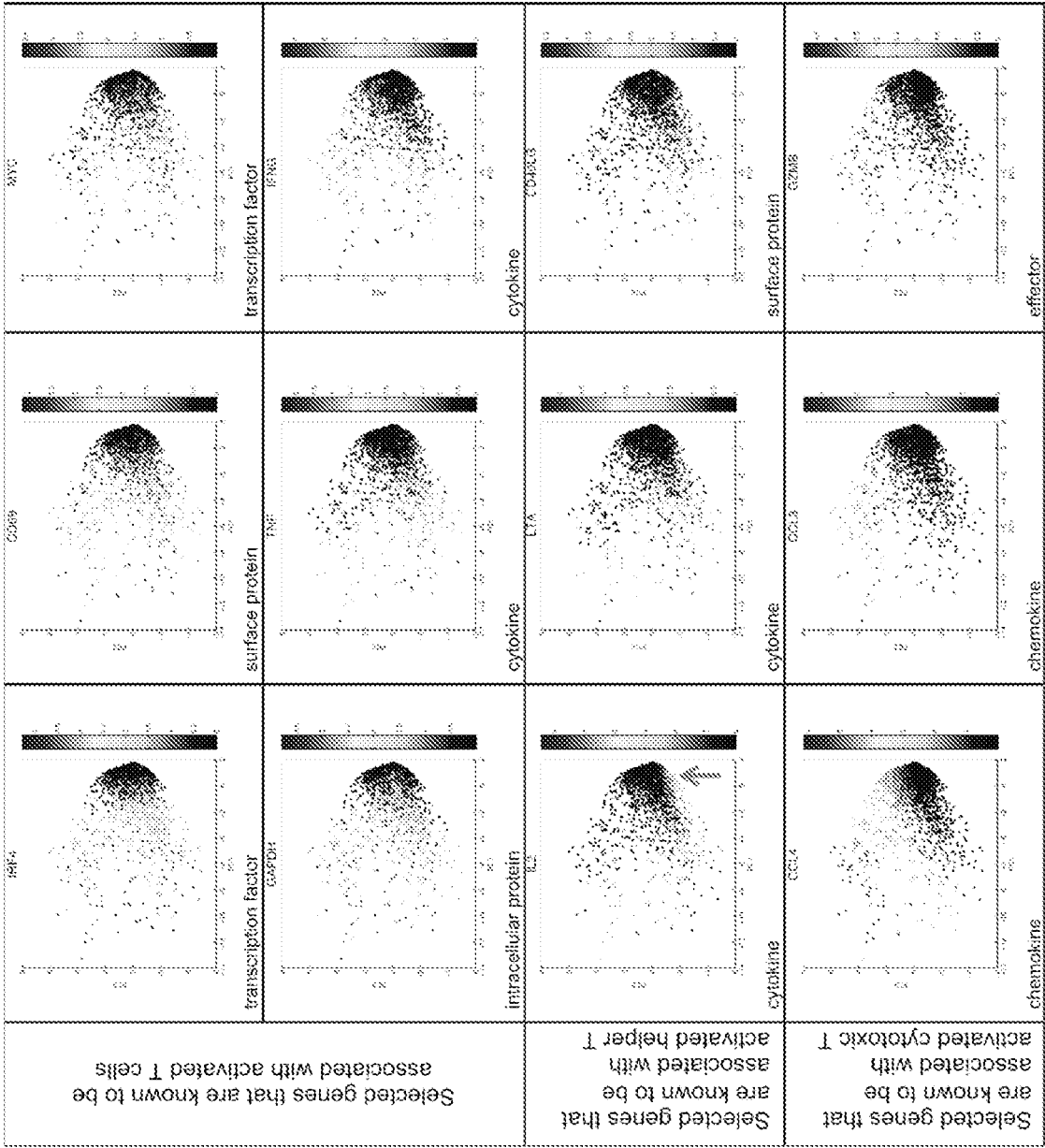


FIG. 44B

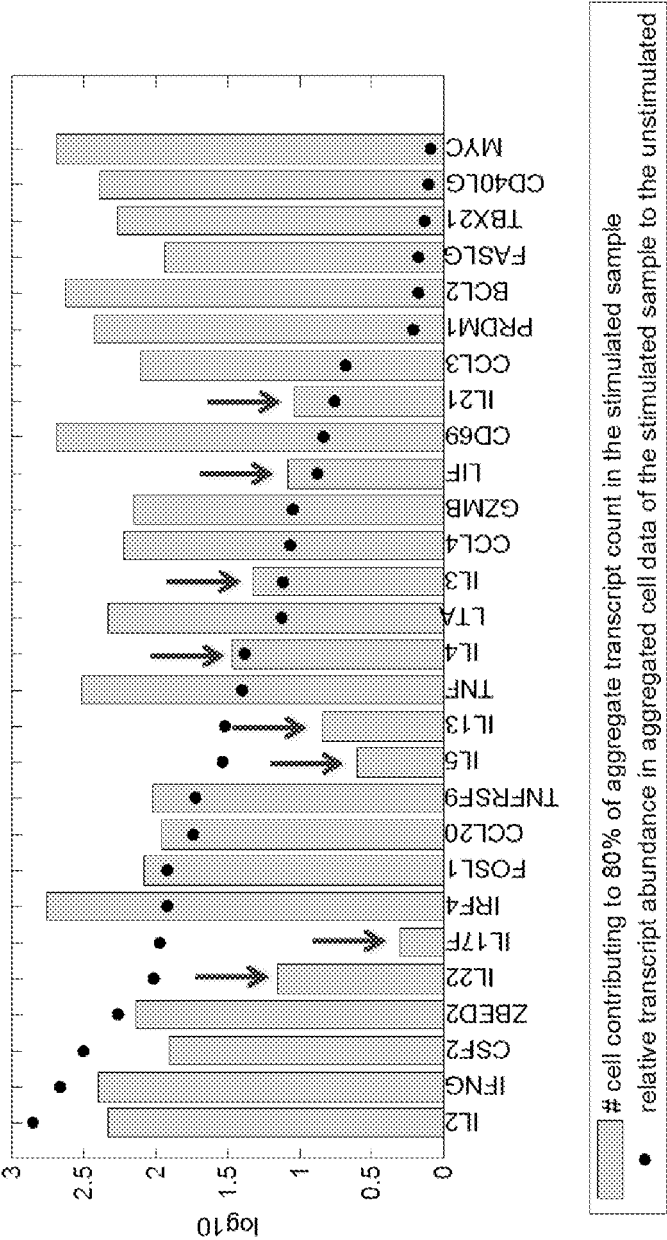


FIG. 44C

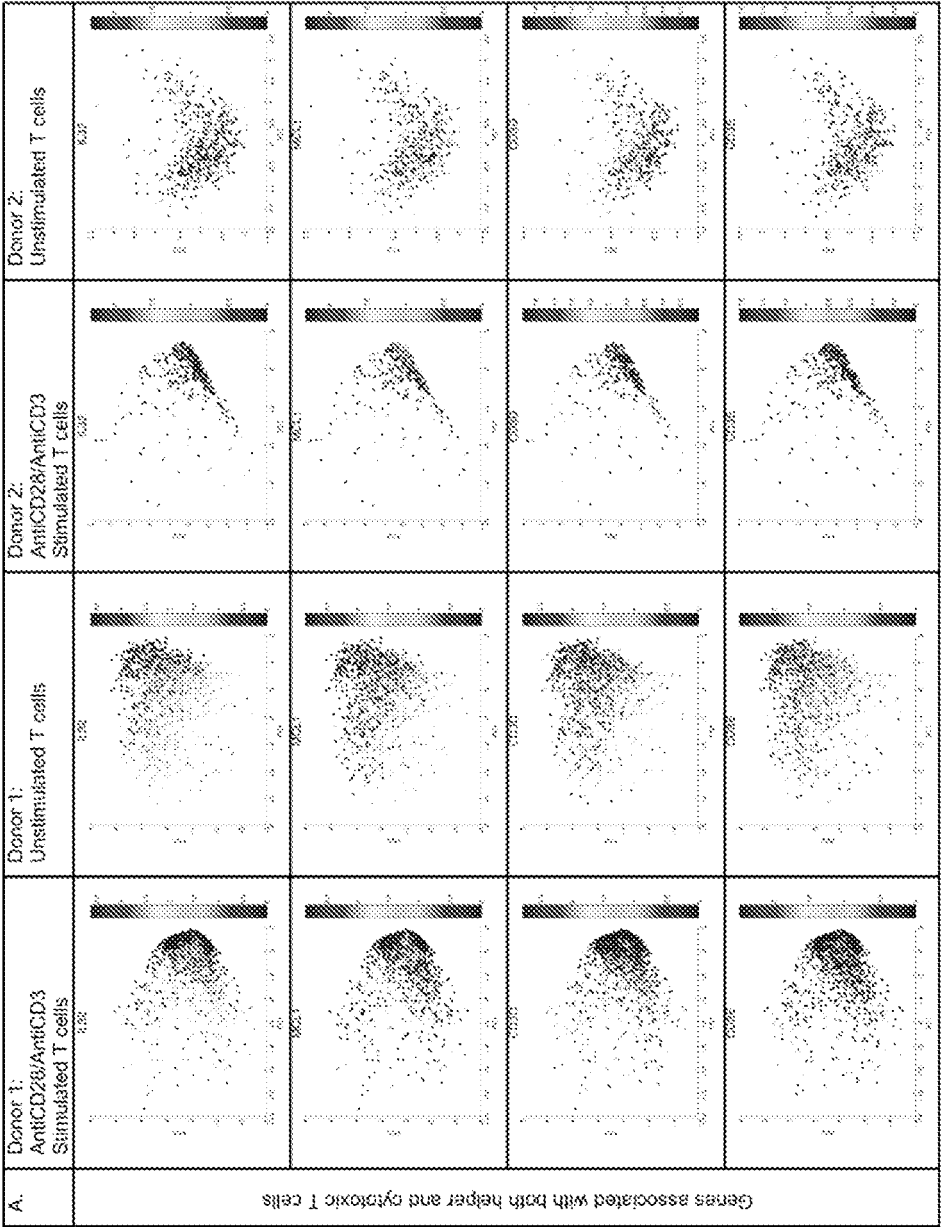


FIG. 45A

74/116

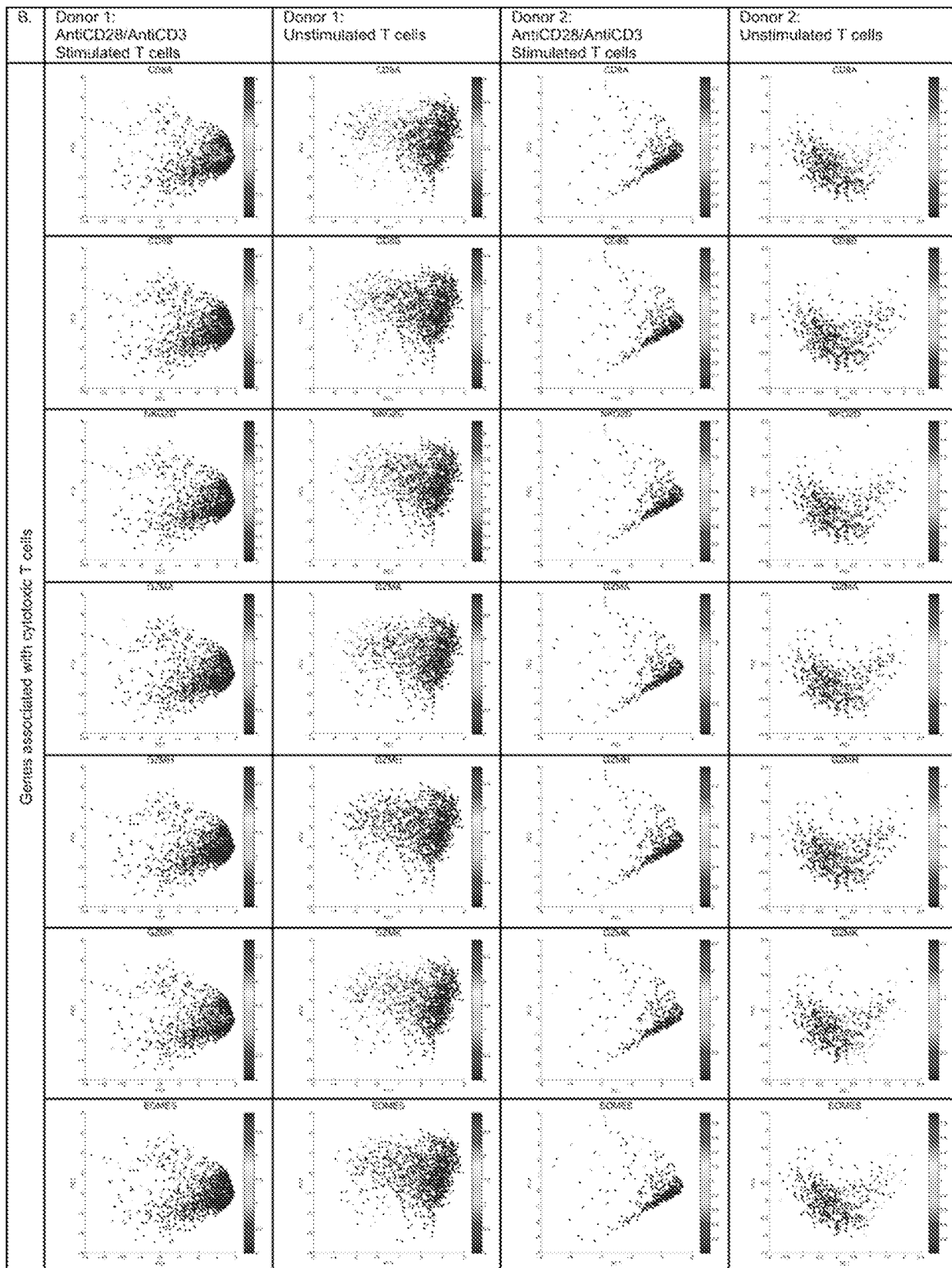


FIG. 45B

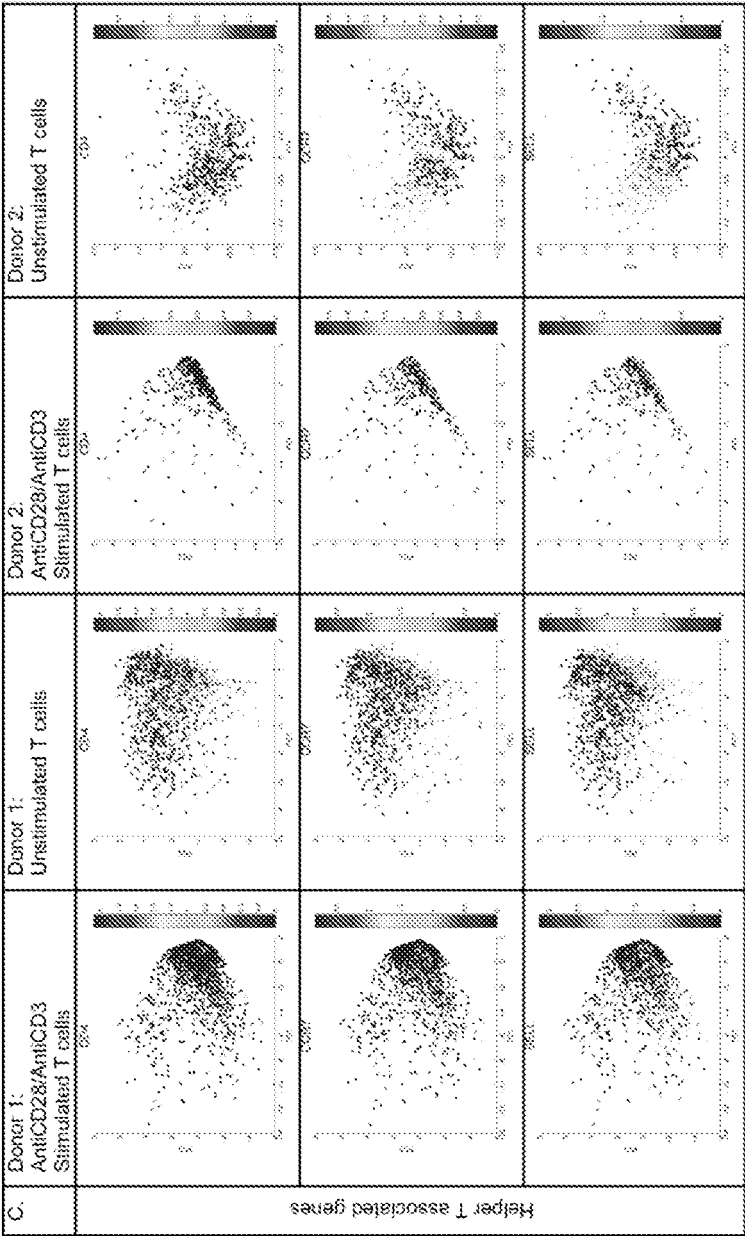


FIG. 45C

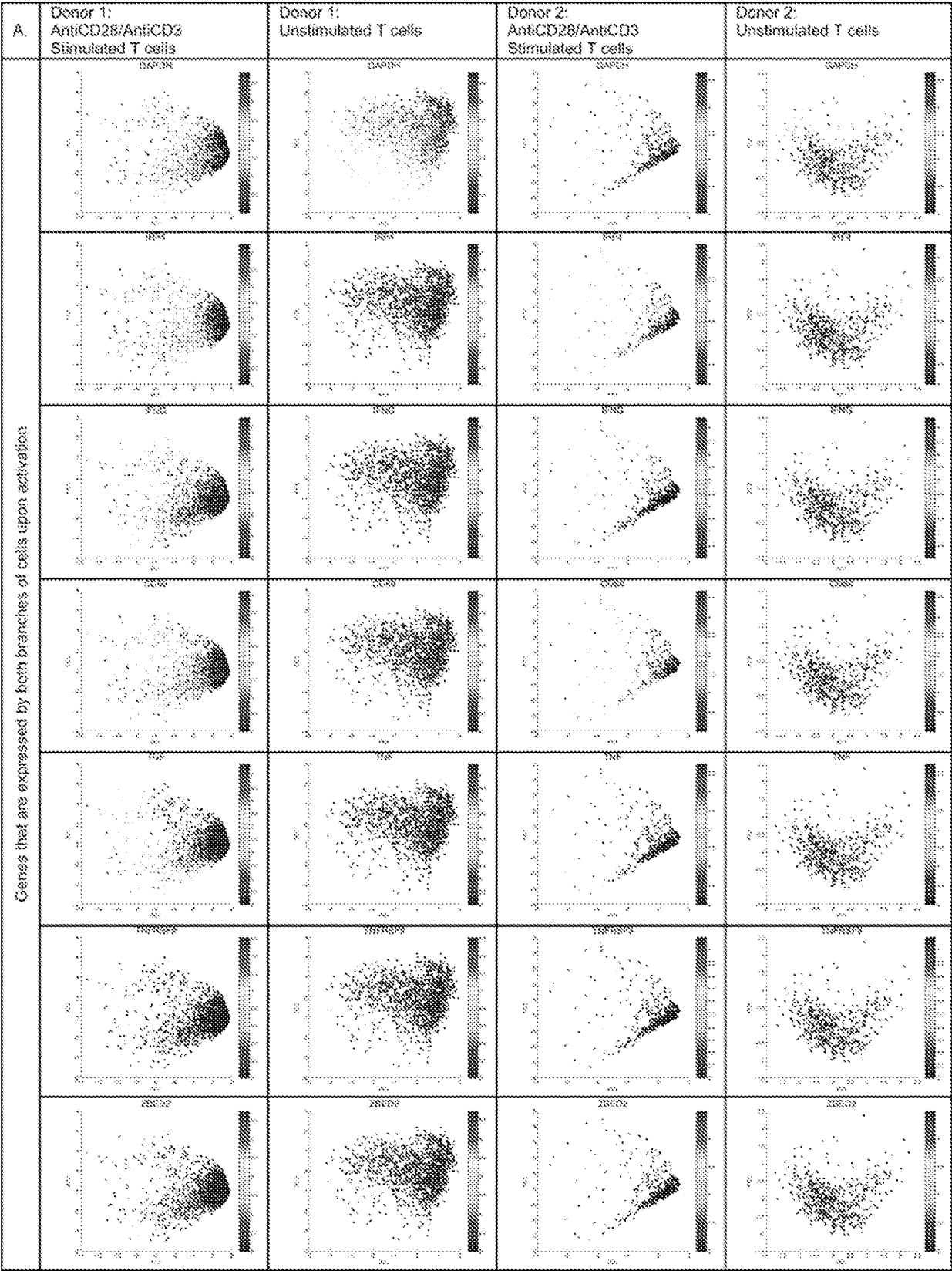


FIG. 46A

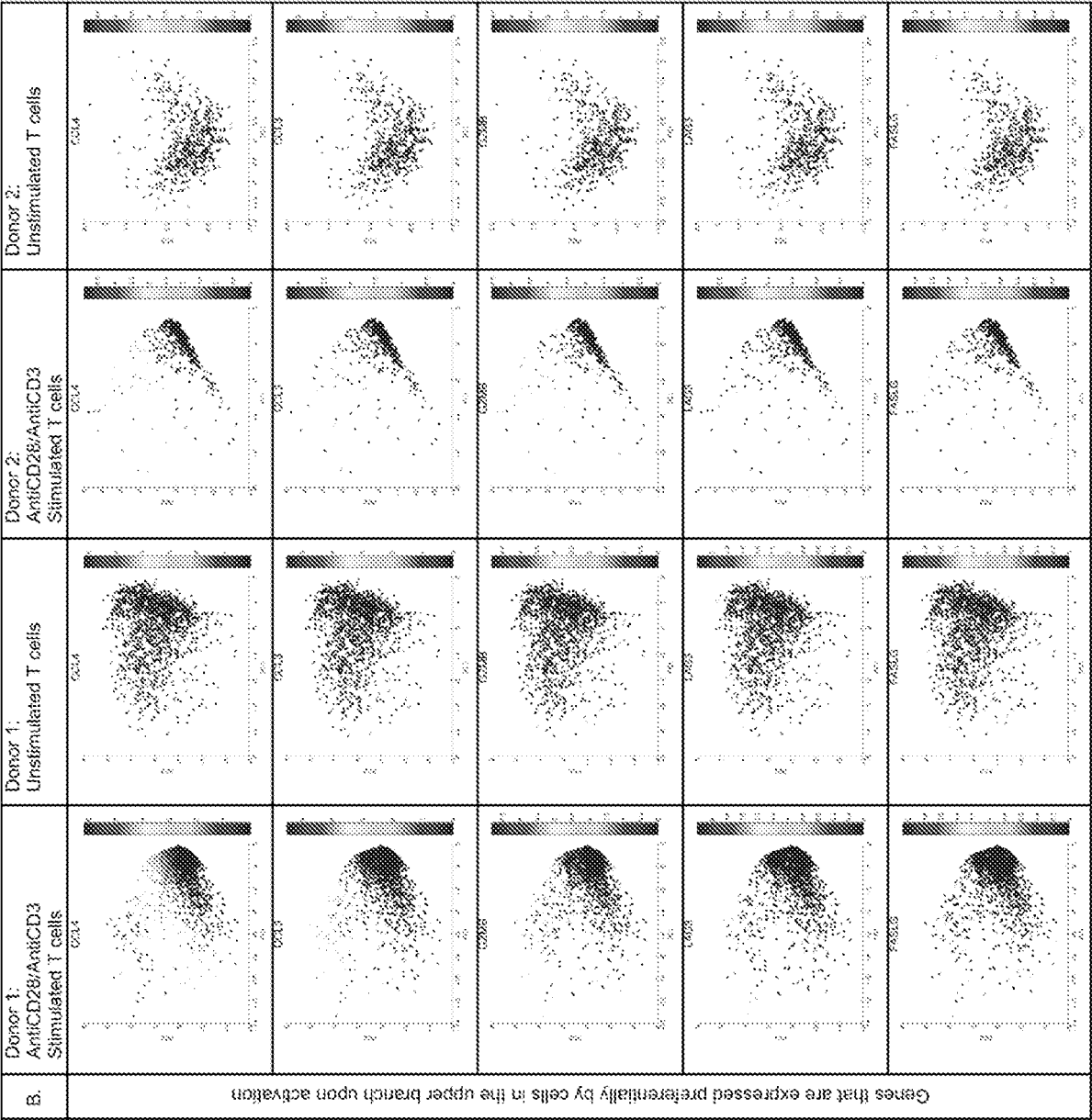


FIG. 46B

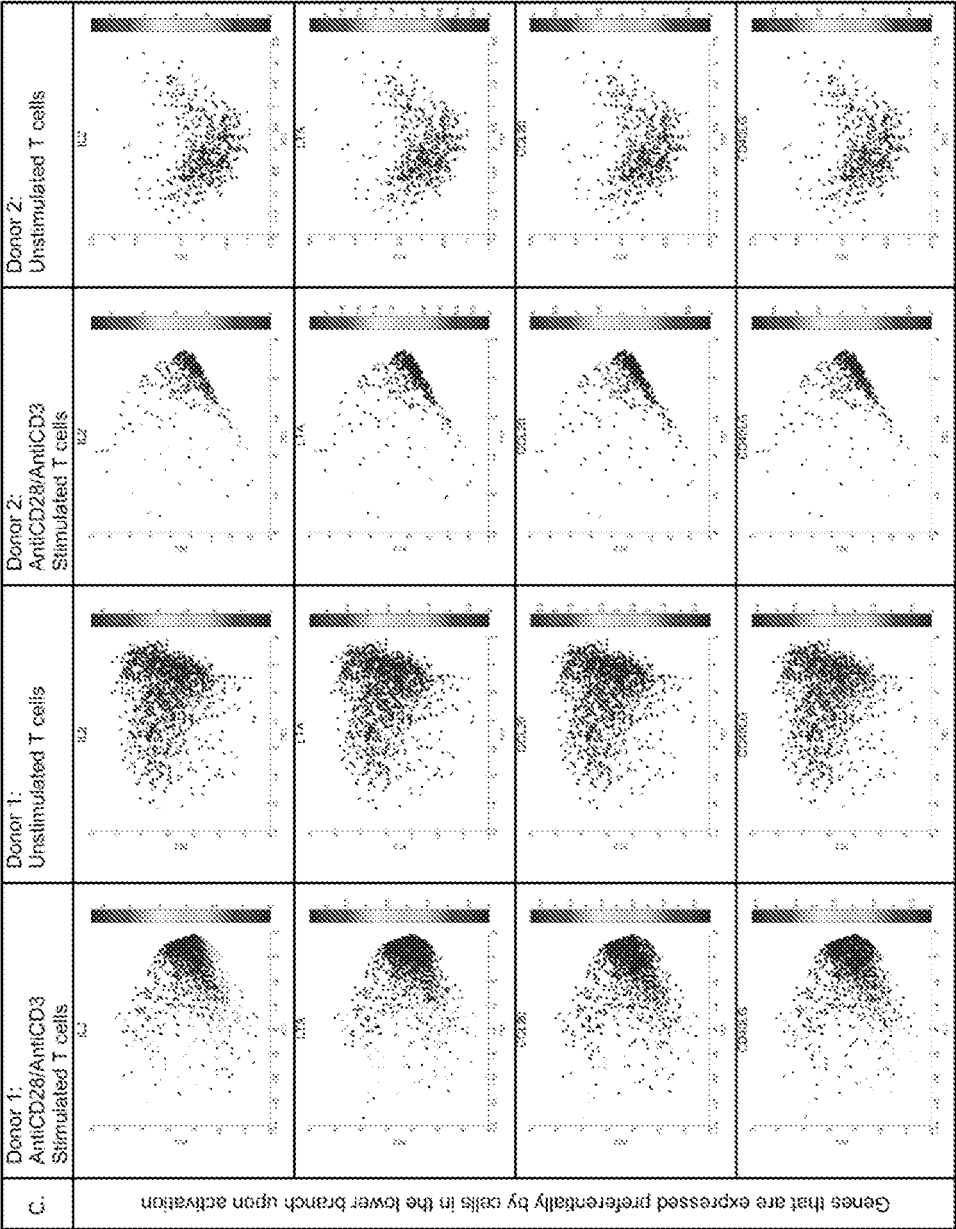


FIG. 46C

79/116

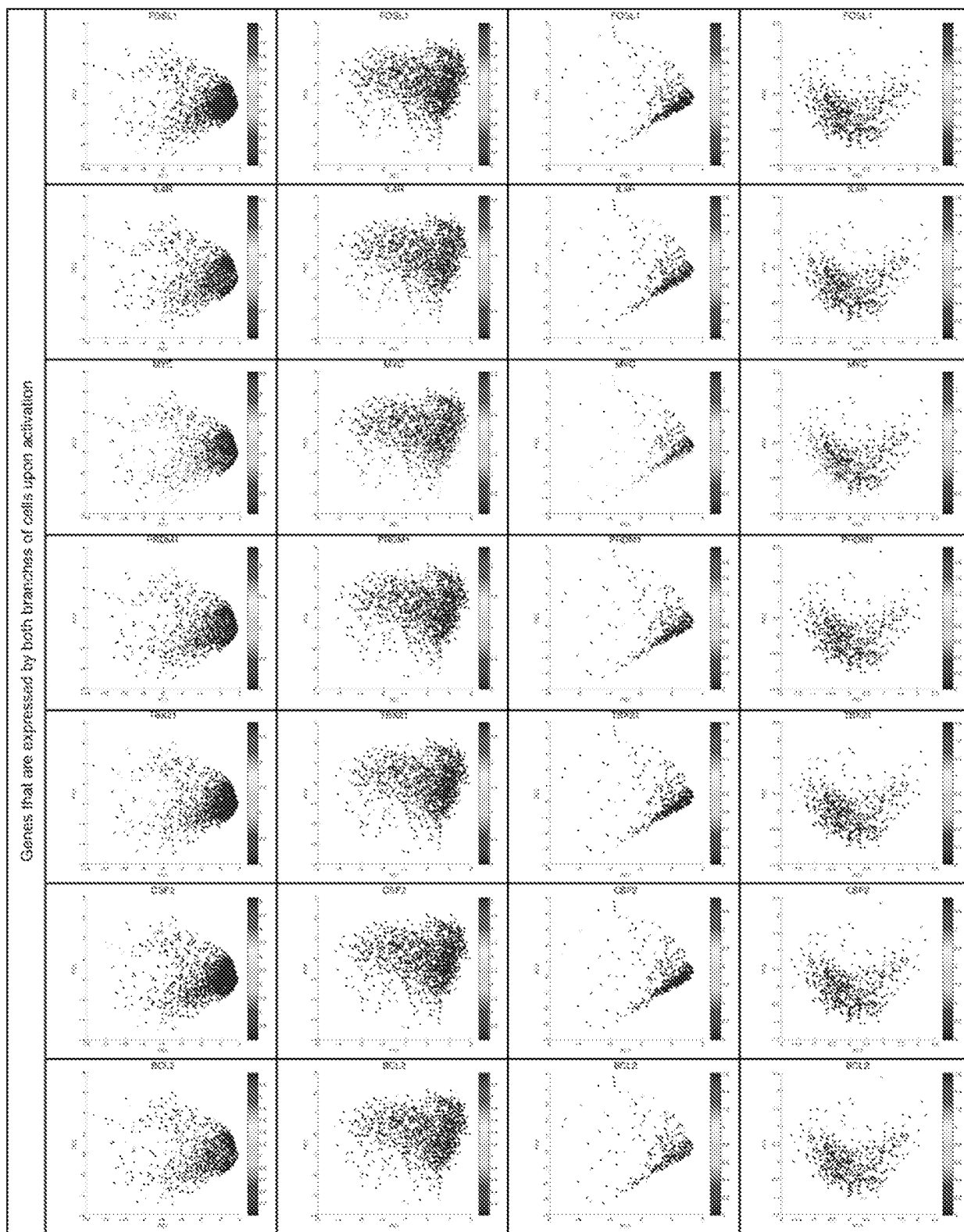


FIG. 46D

80/116

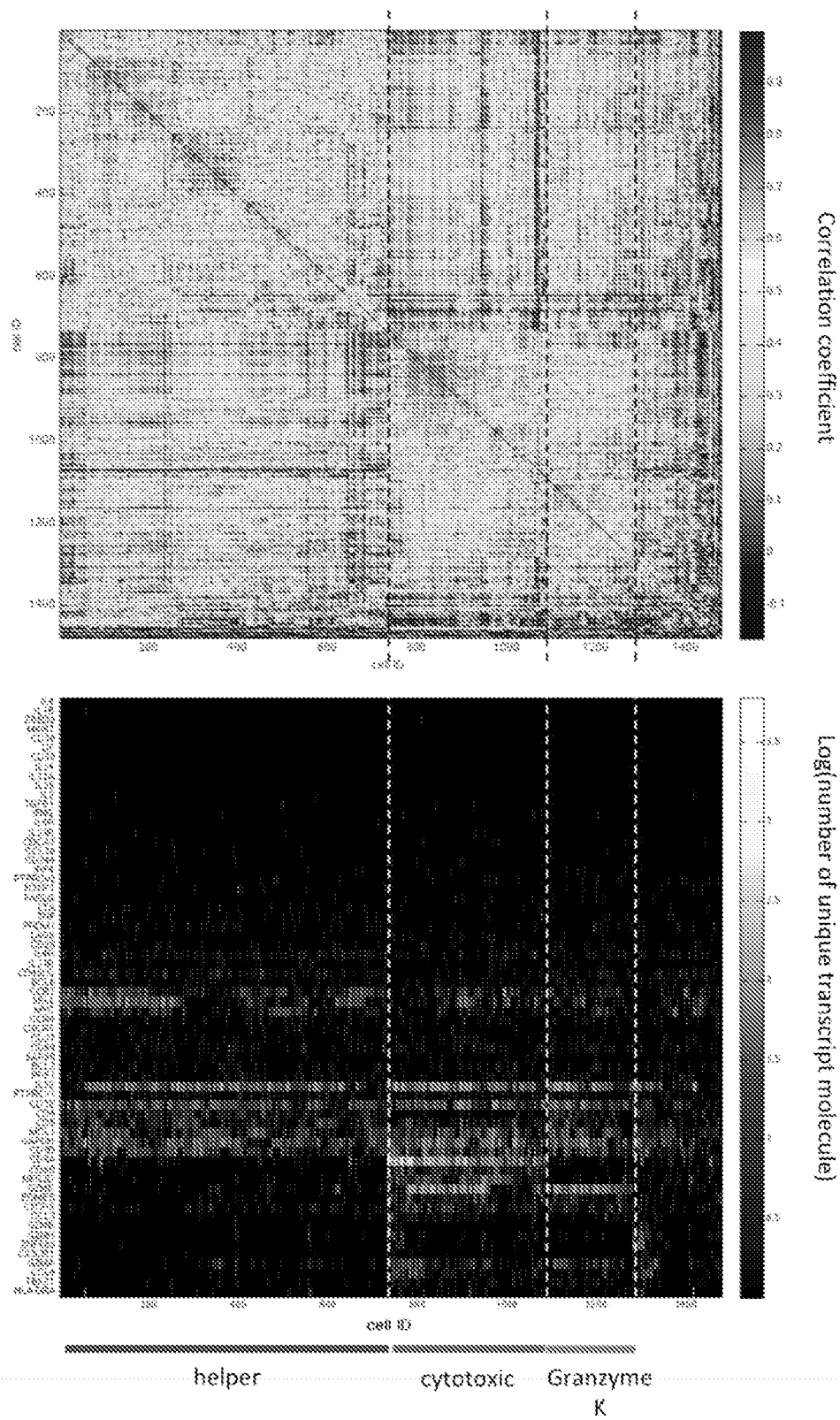
Donor 1 unstimulated CD3+ T cells

FIG. 47

81/116

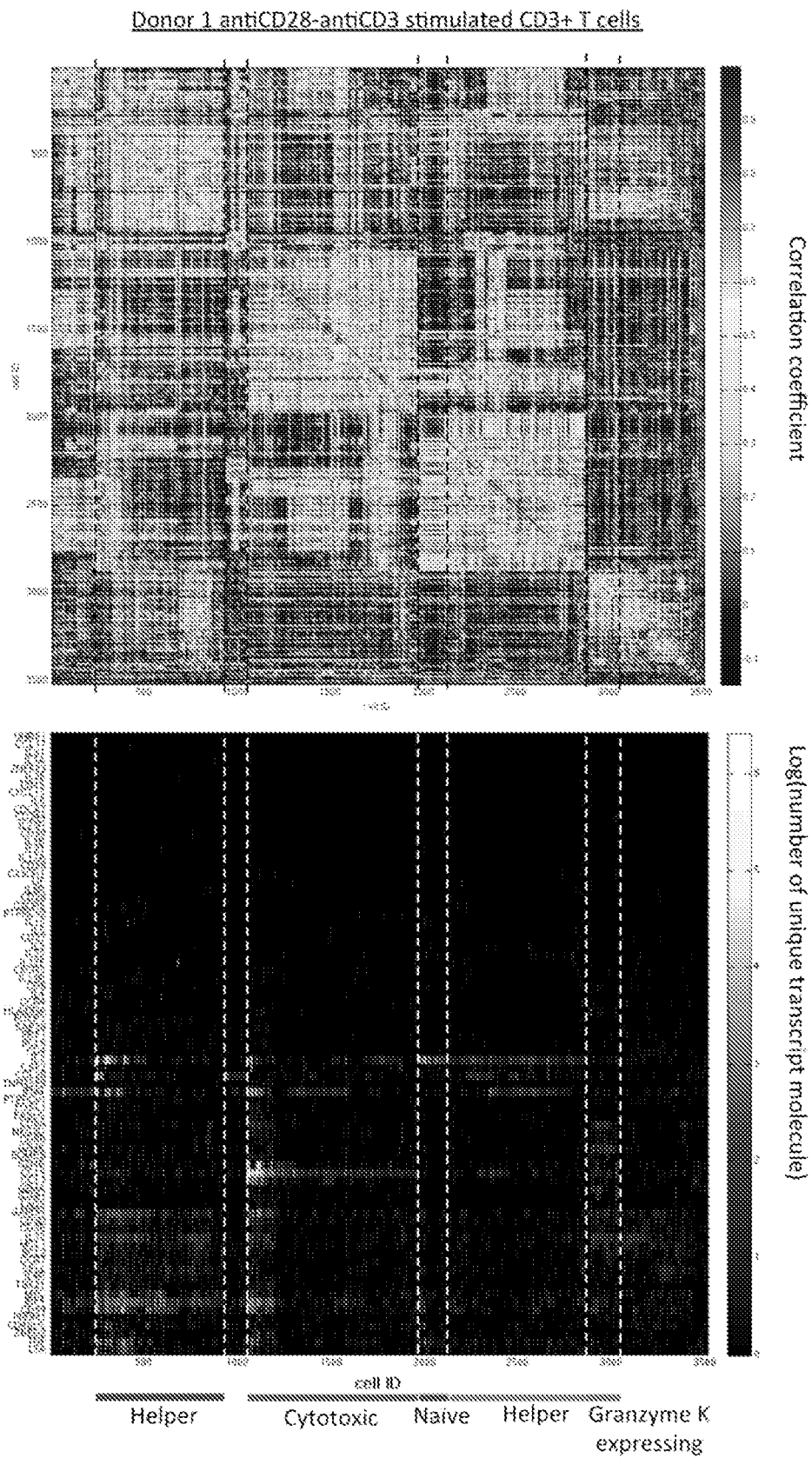


FIG. 48

82/116

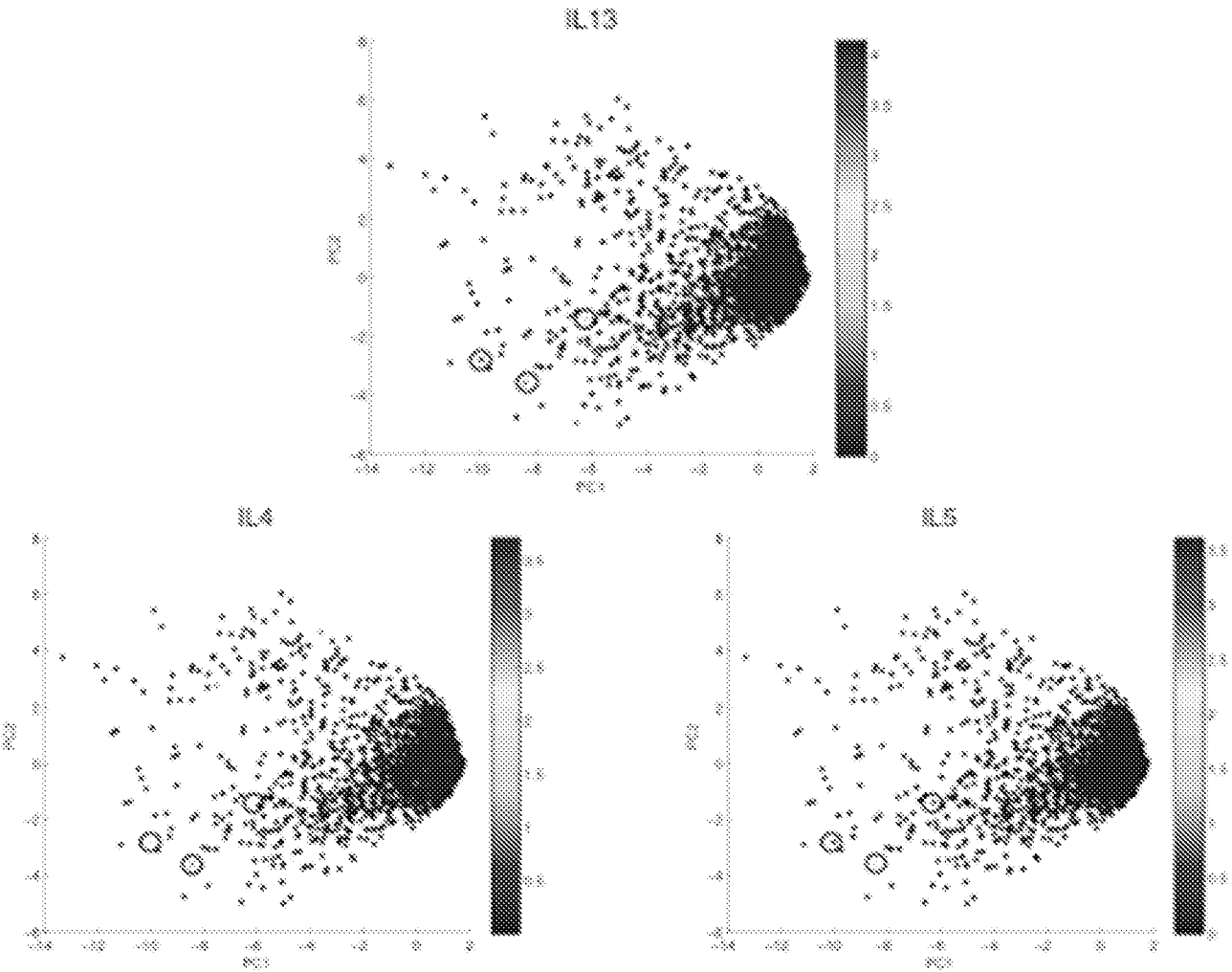
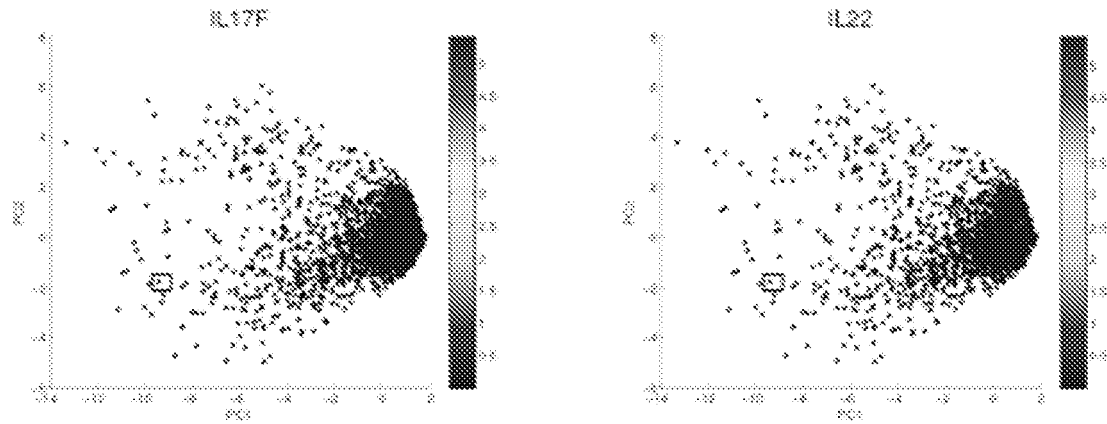


FIG. 49A

○ Cells that co-expressed IL4, IL5, IL13



□ Single cell that co-expressed IL17F and IL22

FIG. 49B

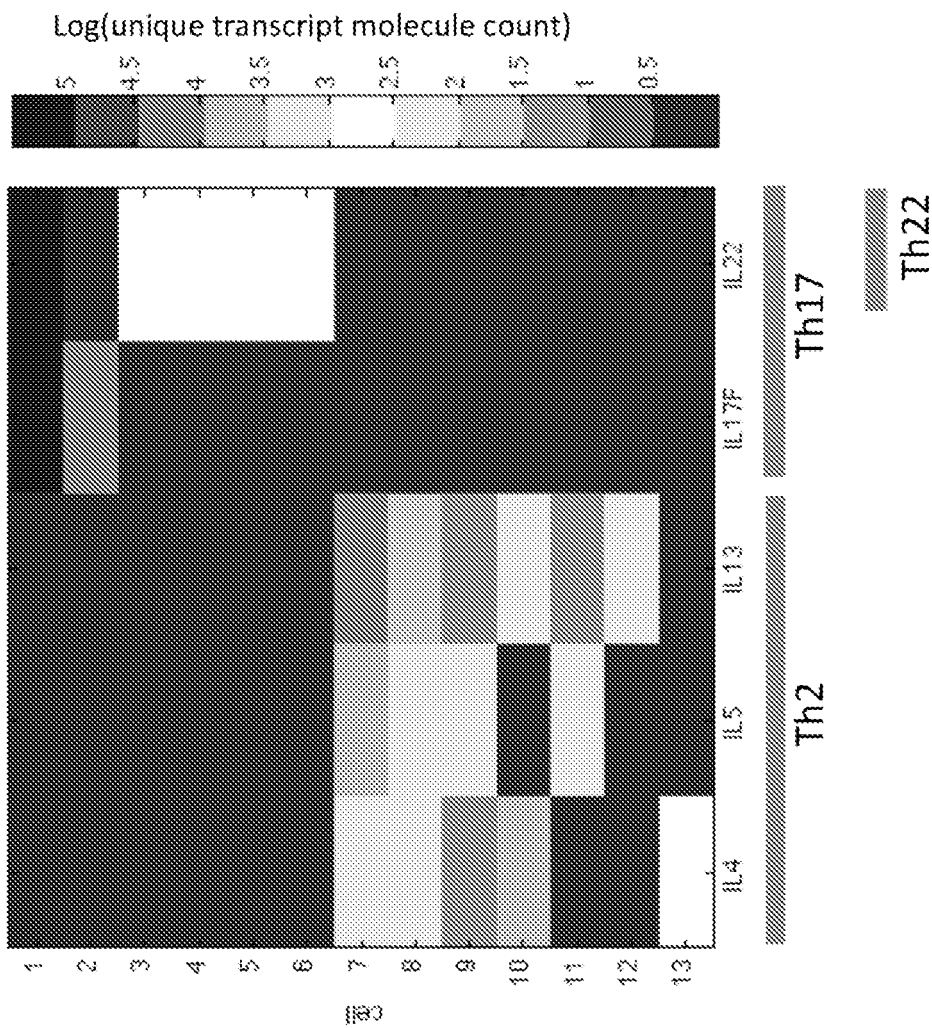


FIG. 49C

84/116

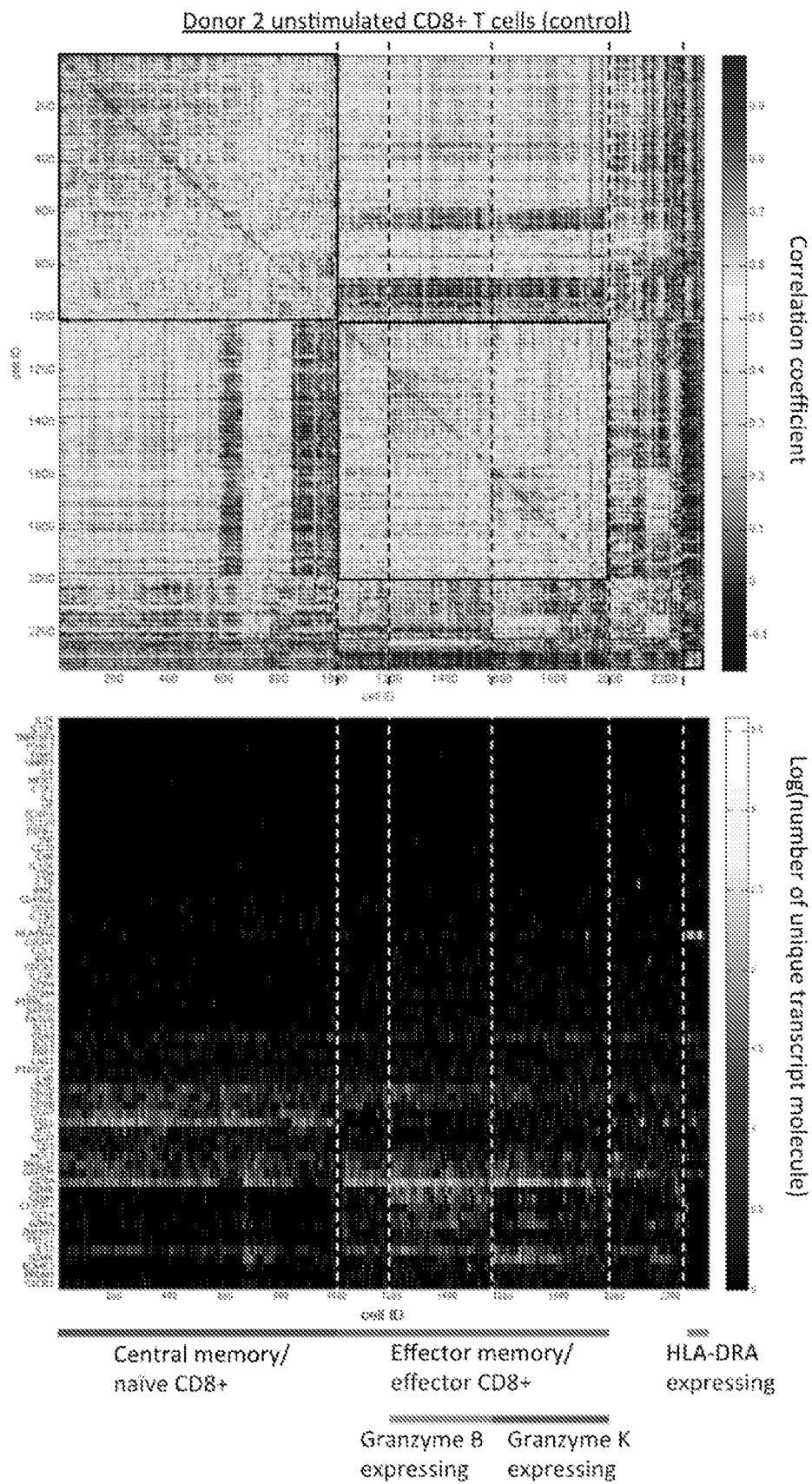


FIG. 50A

85/116

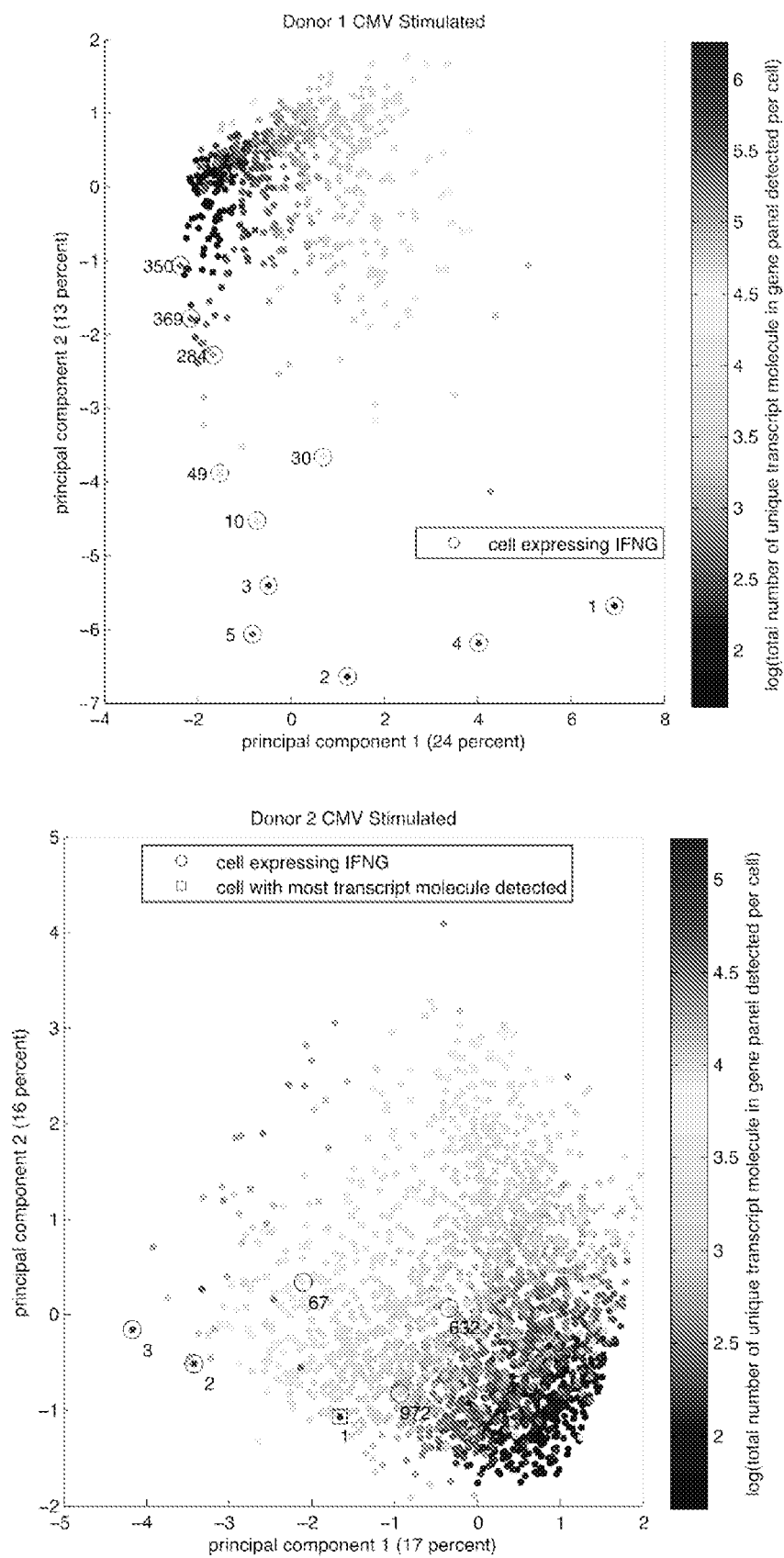


FIG. 50B

86/116

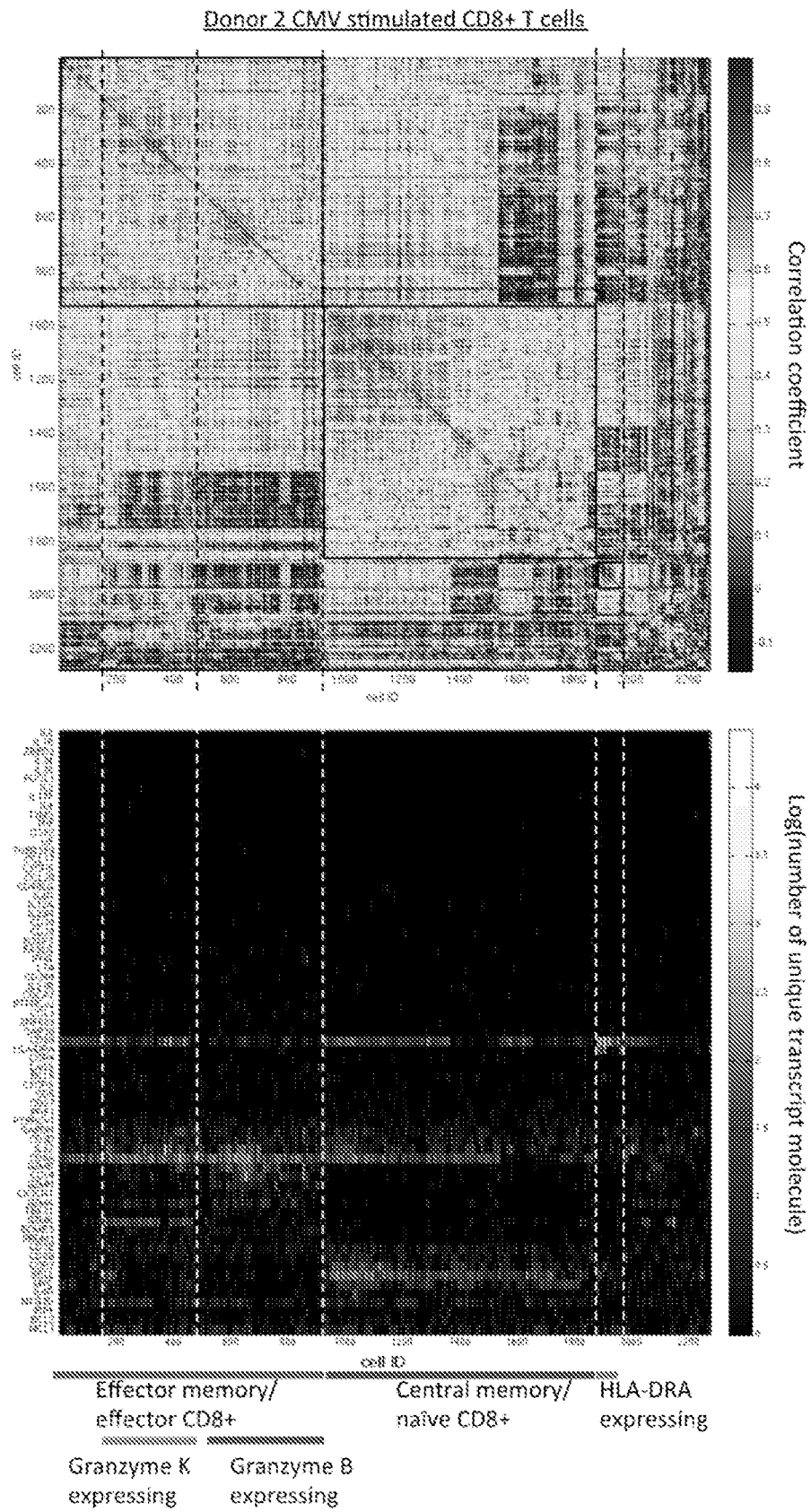


FIG. 51

87/116

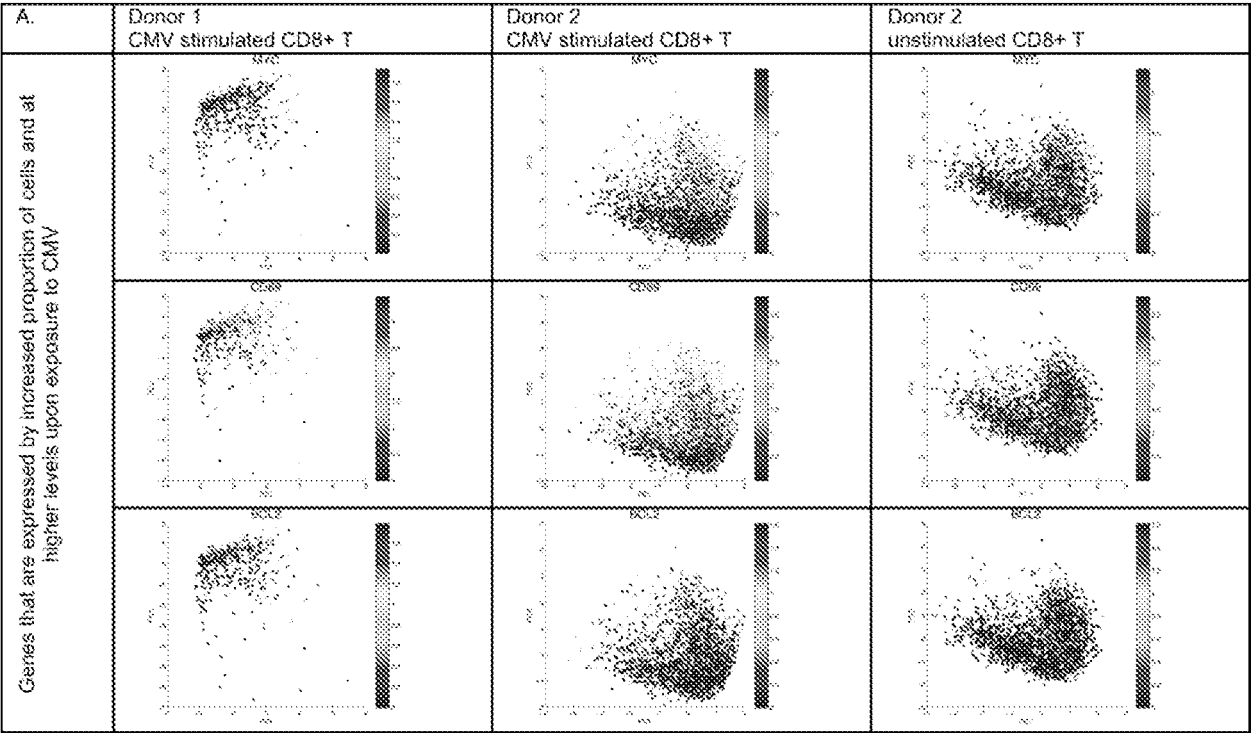


FIG. 52A

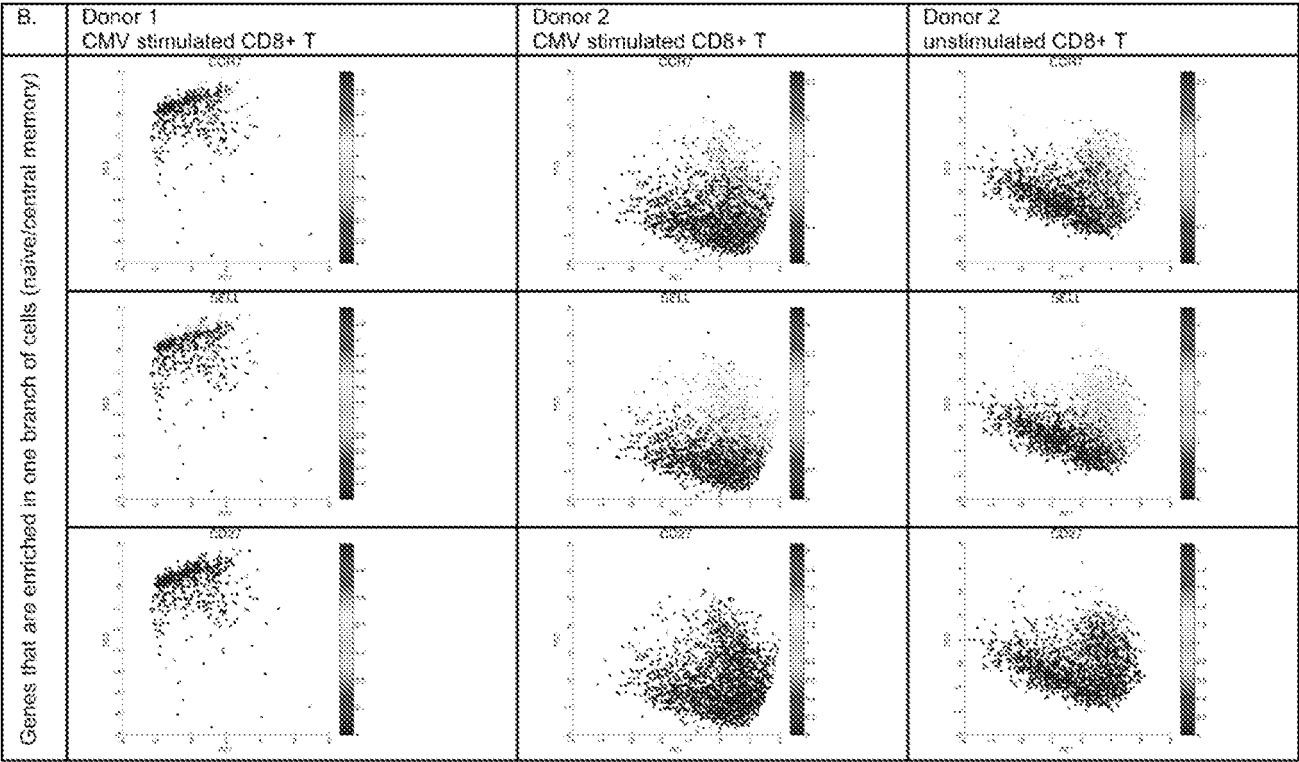


FIG. 52B

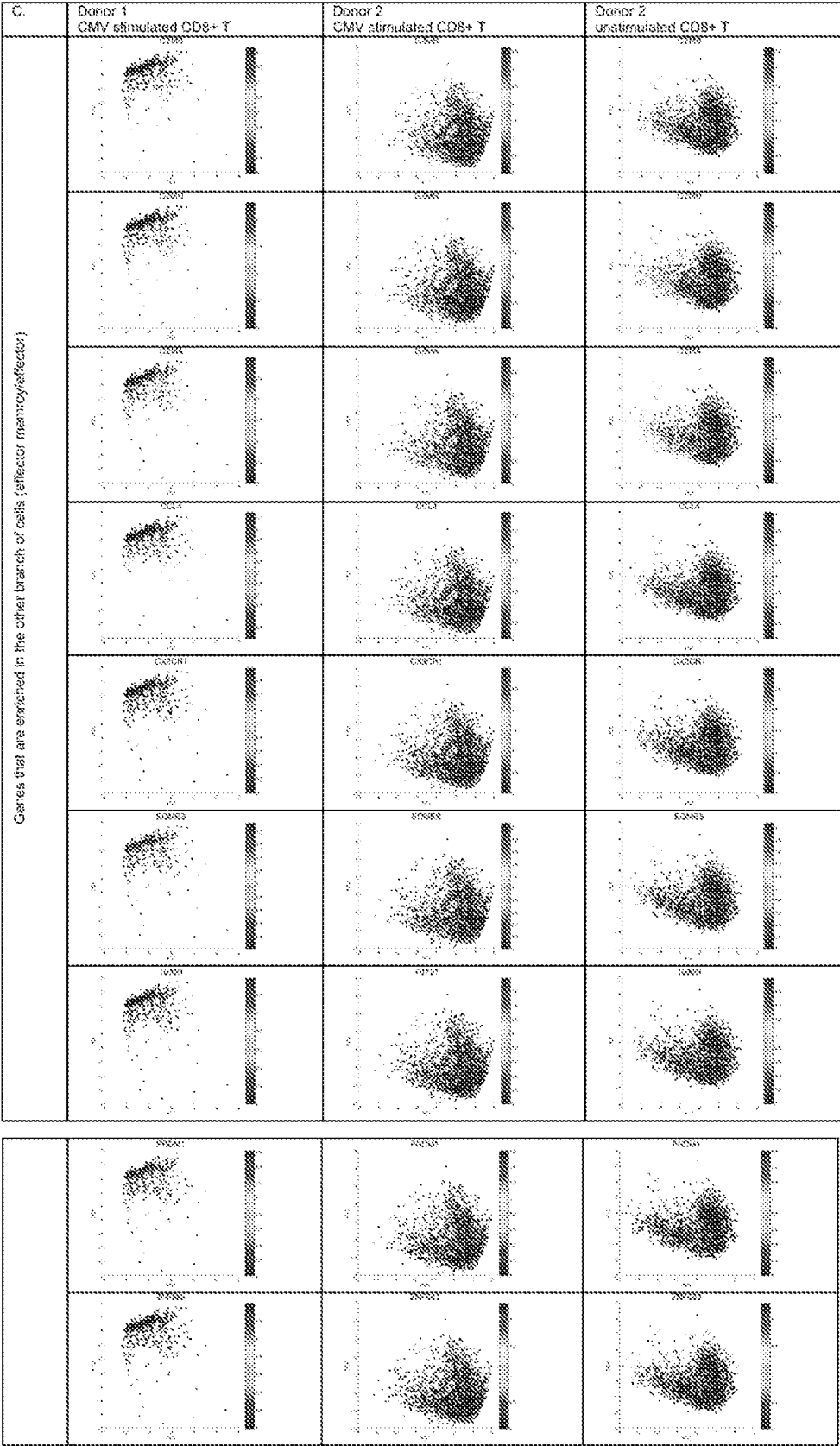


FIG. 52C

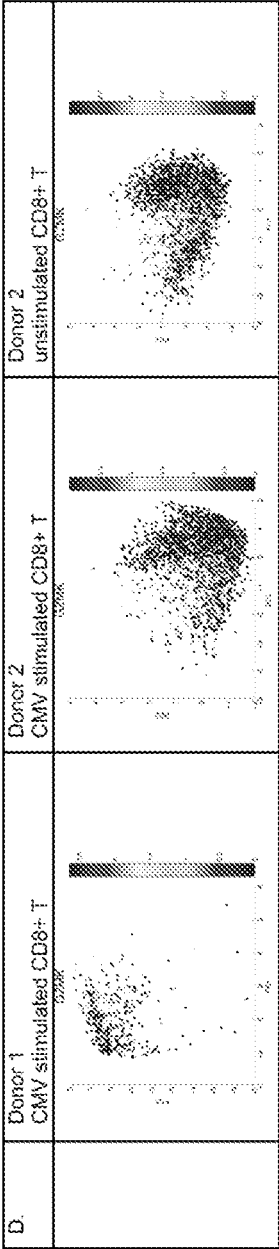


FIG. 52D

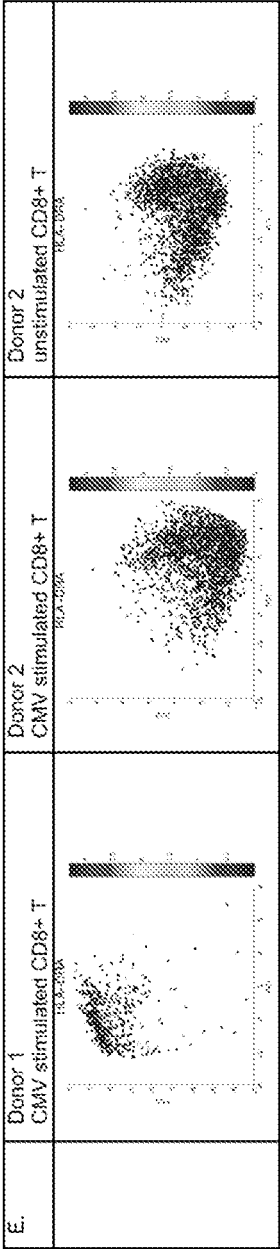


FIG. 52E

90/116

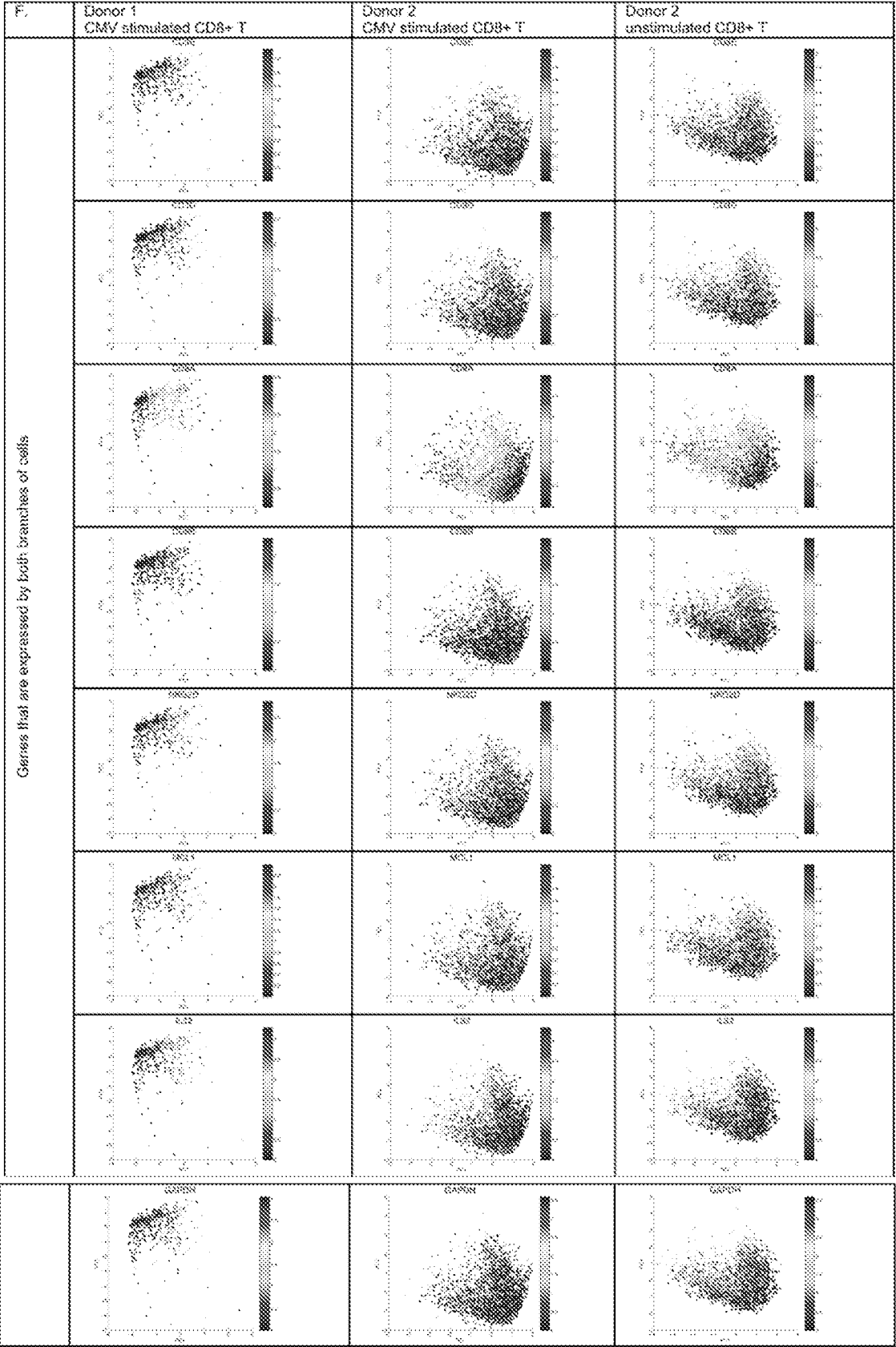


FIG. 52F

91/116

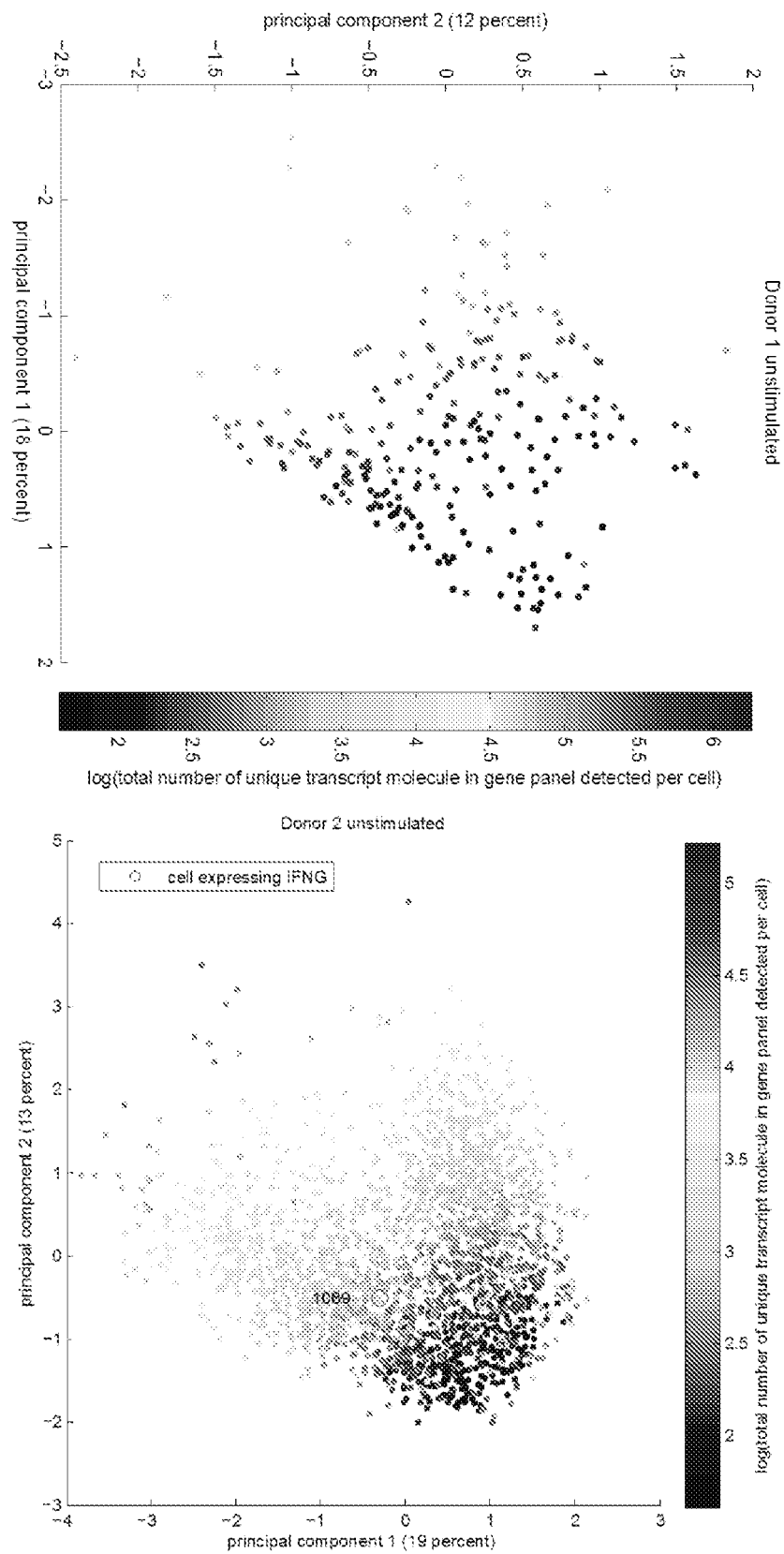


FIG. 53

92/116

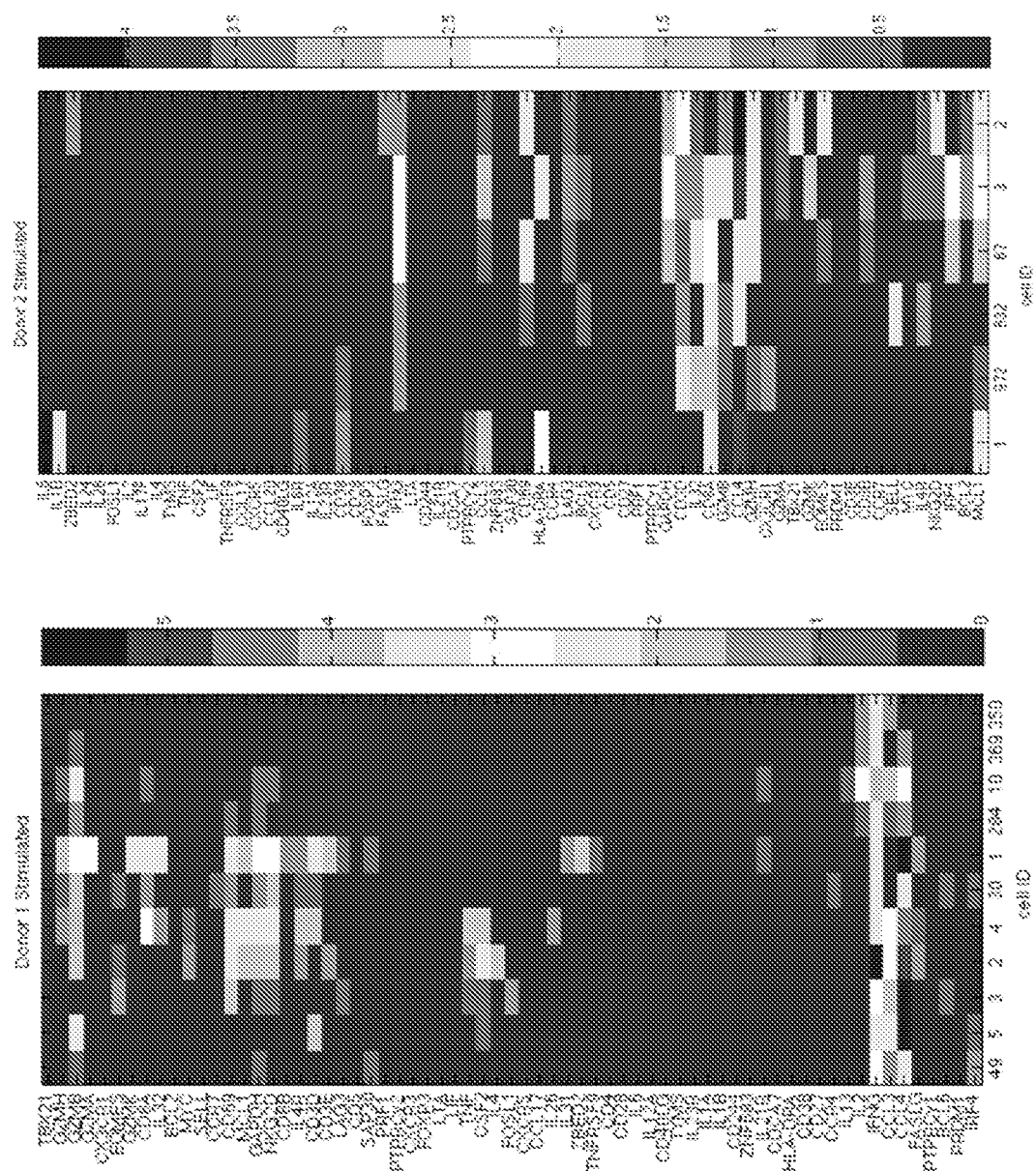


FIG. 54

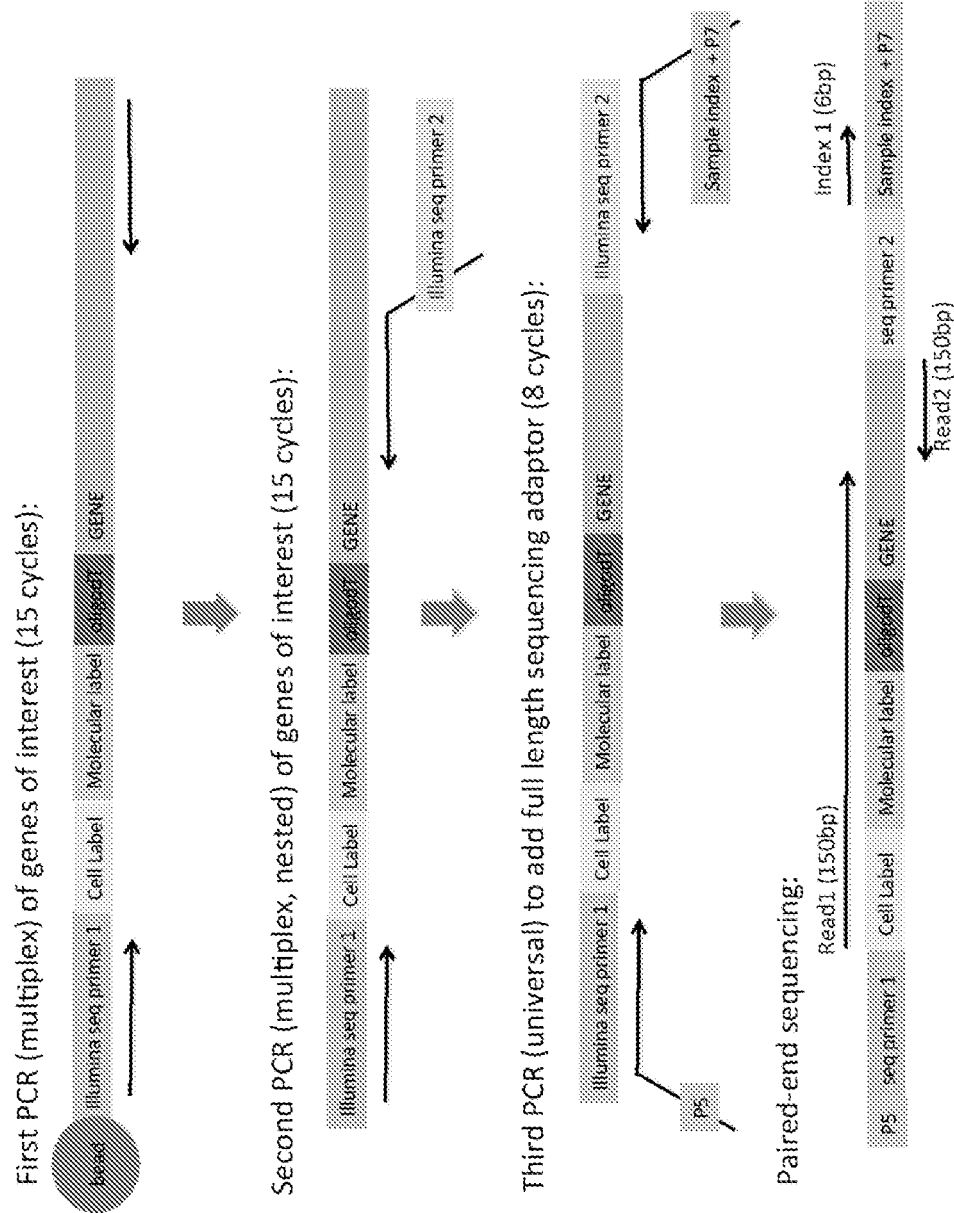


FIG. 55

94/116

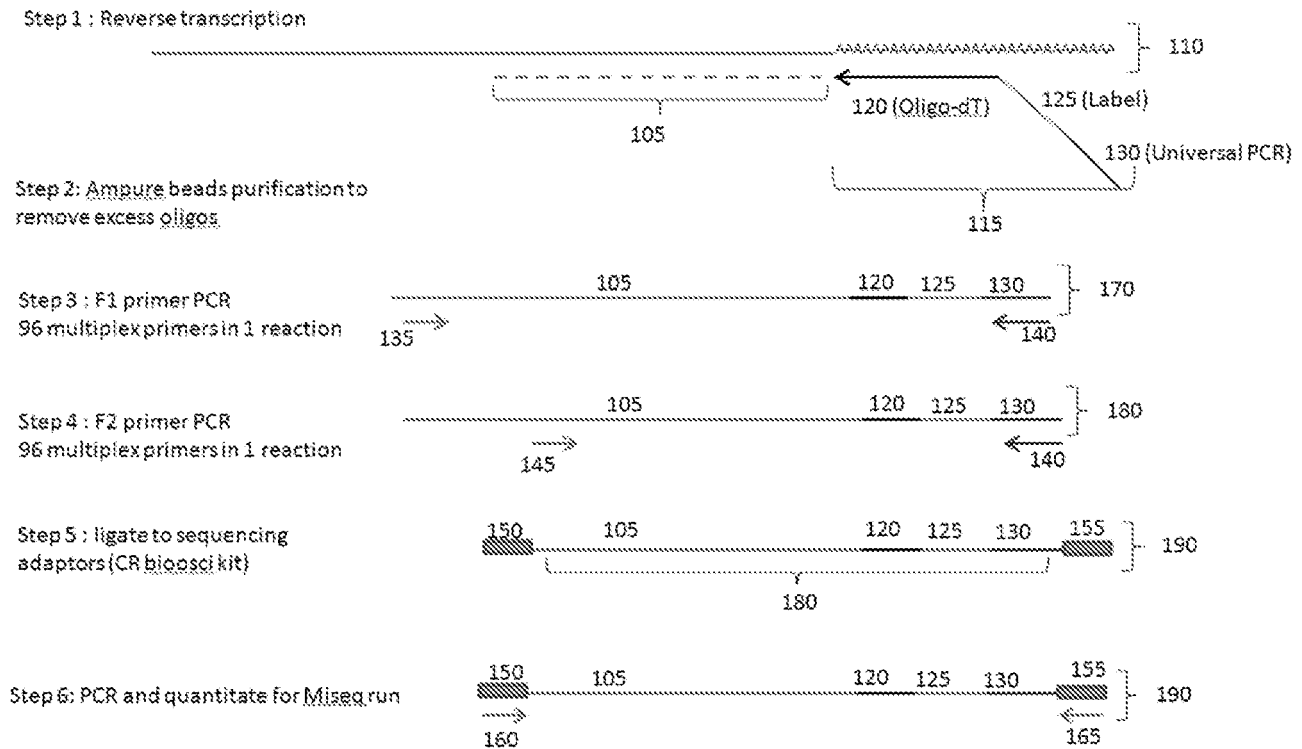


FIG. 56

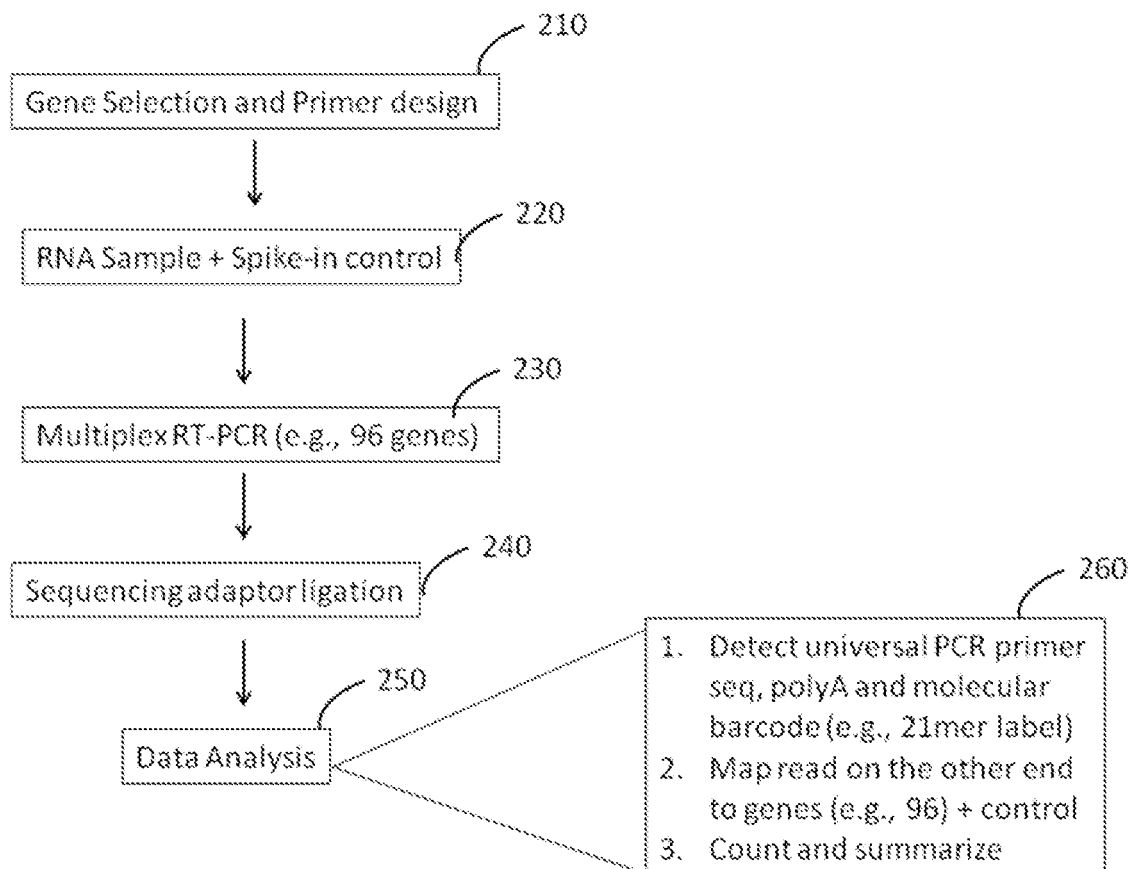


FIG. 57

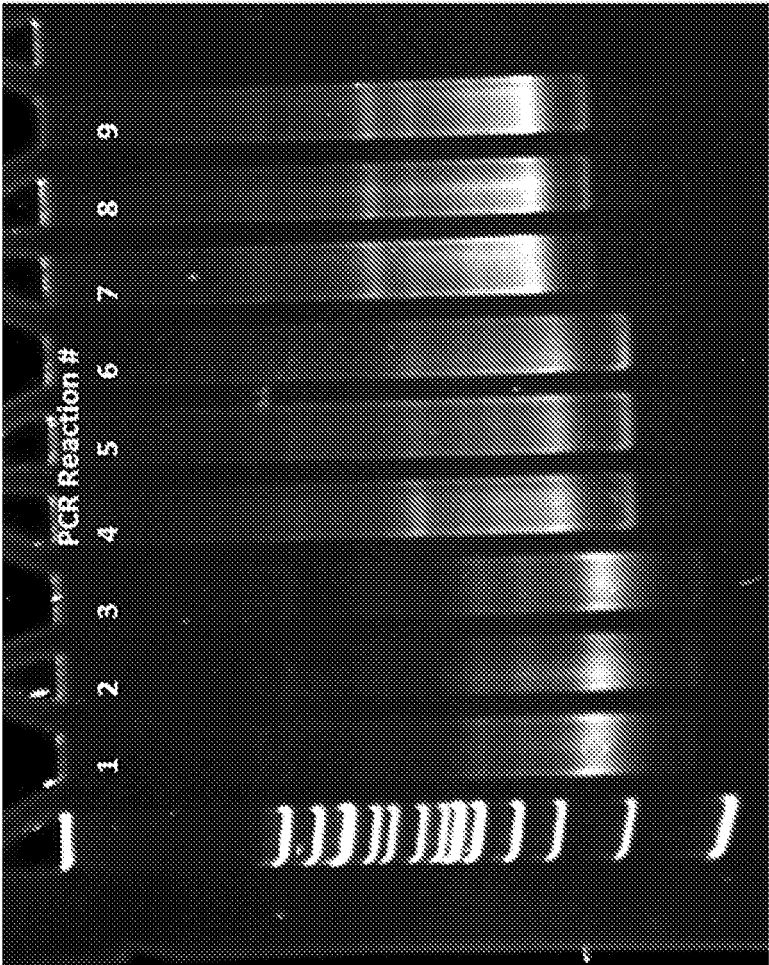


FIG. 58A

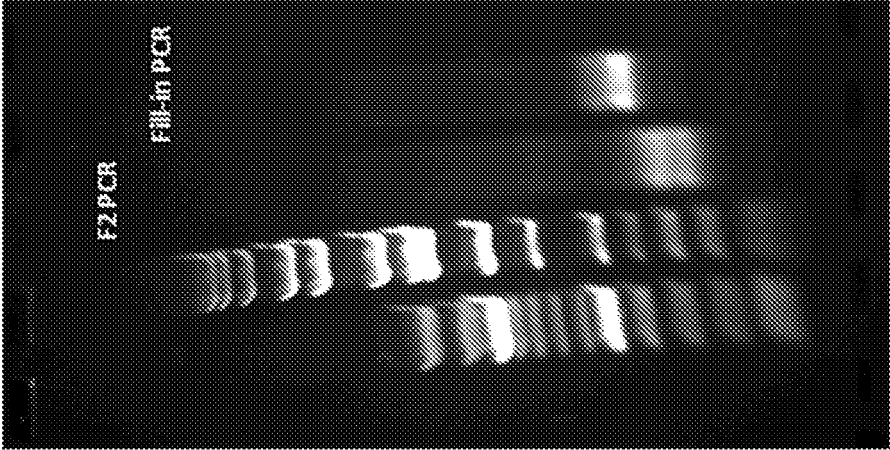


FIG. 58B

96/116

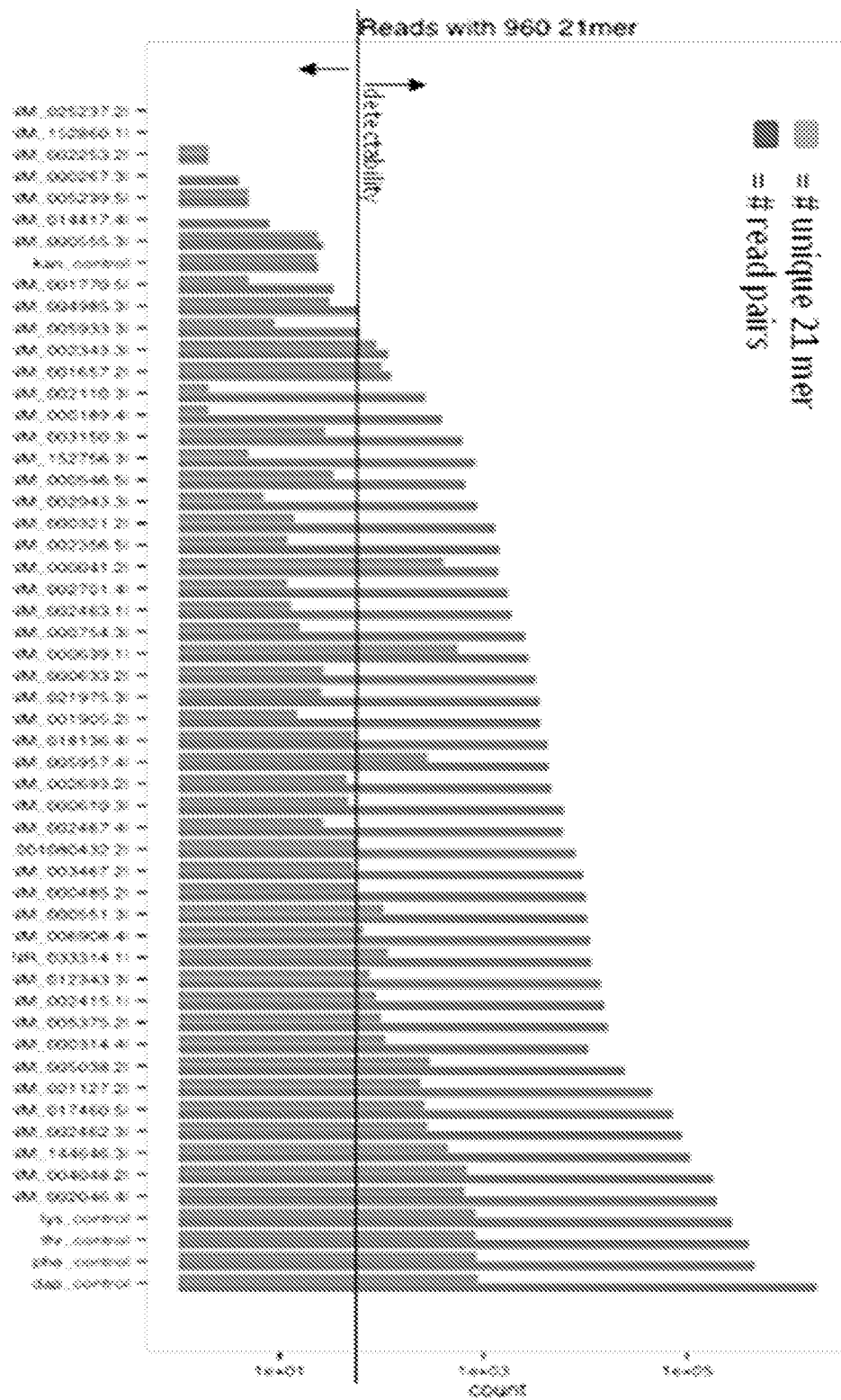
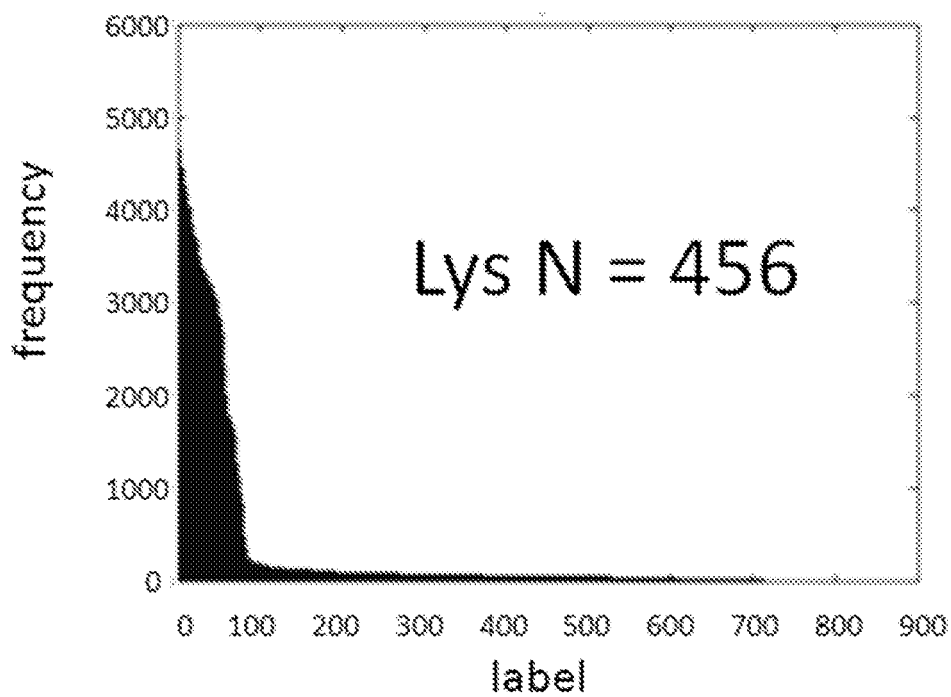
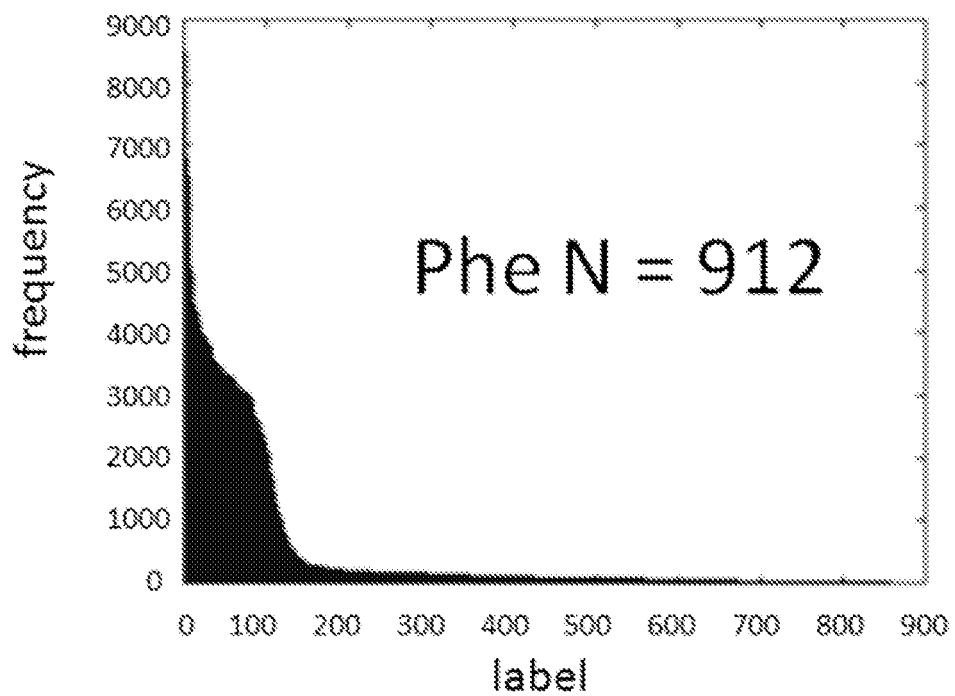


FIG. 59

97/116**FIG. 60A****FIG. 60B**

98/116

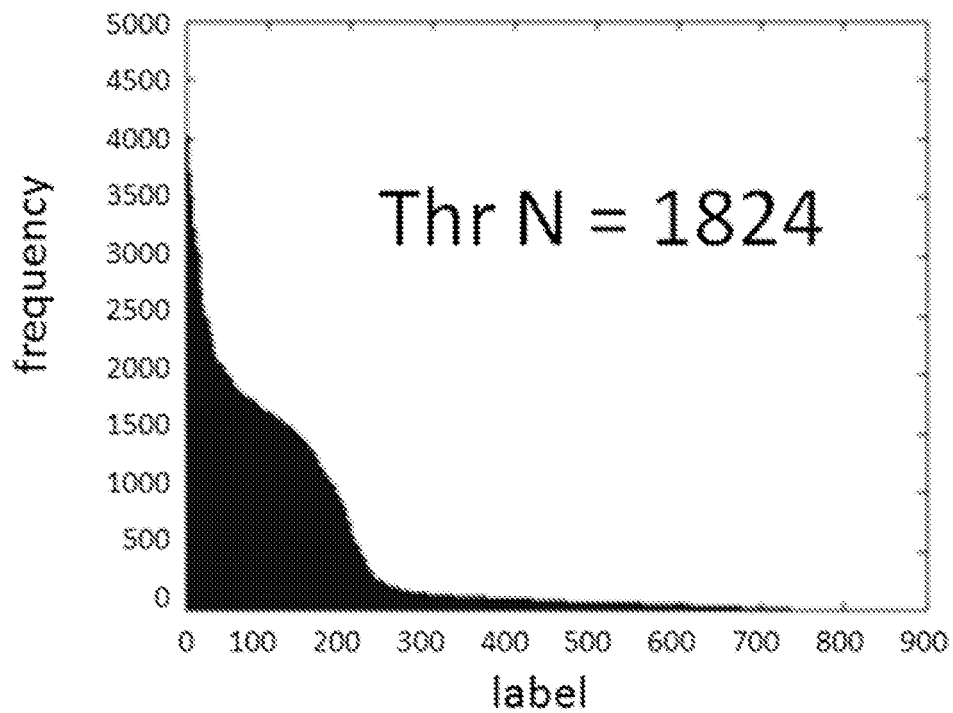


FIG. 60C

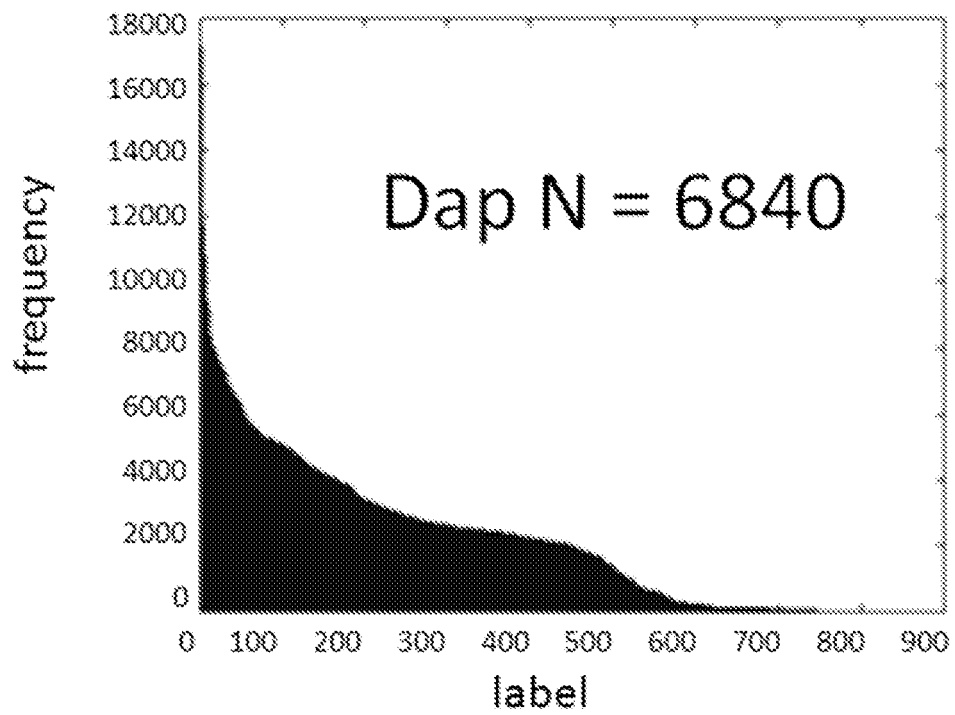


FIG. 60D

99/116

Reads vs Input

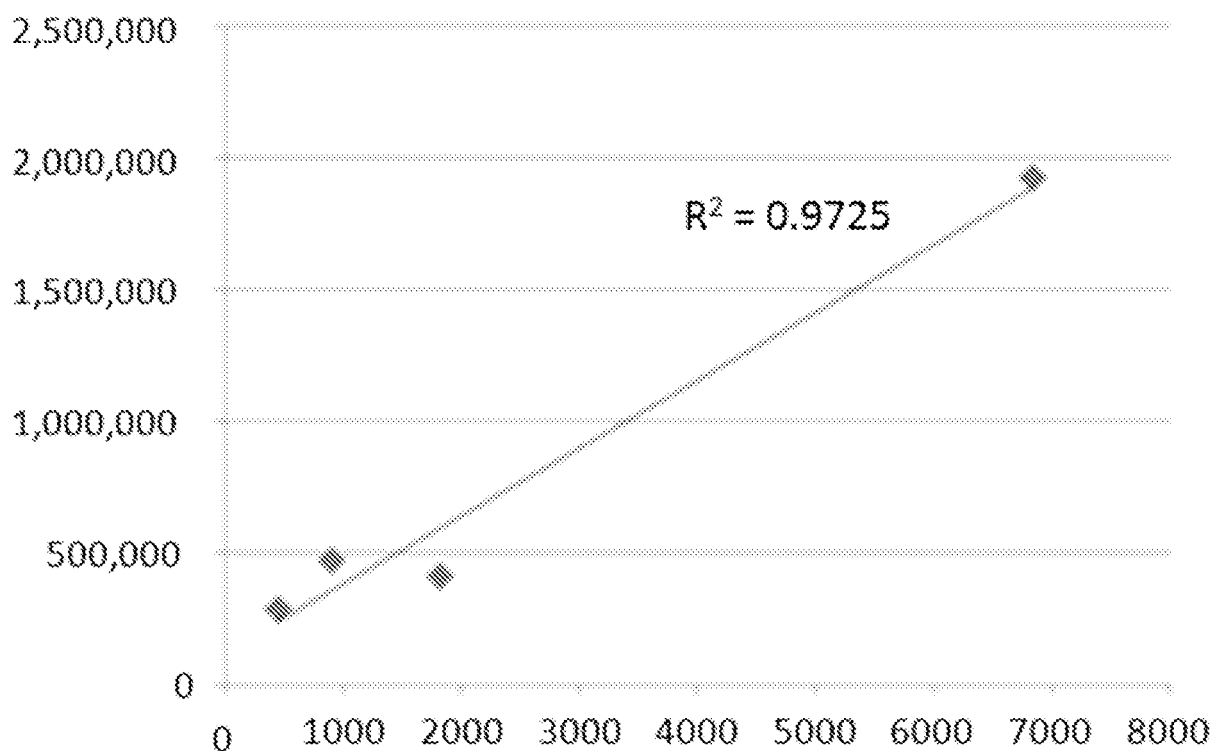


FIG. 60E

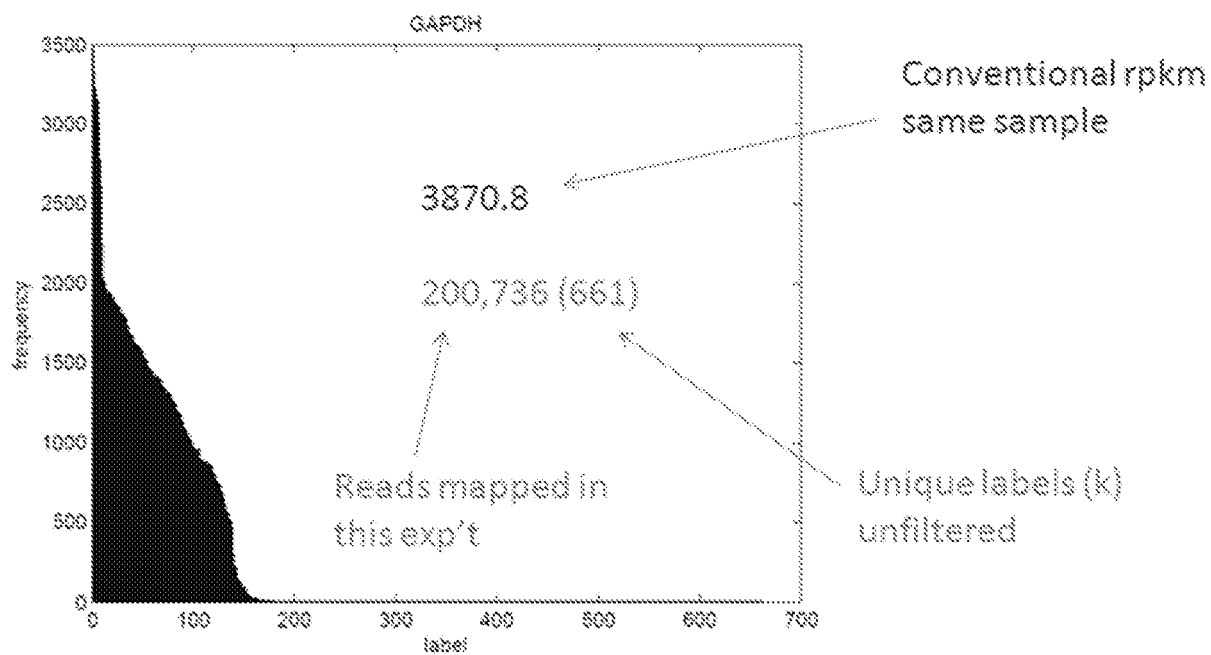


FIG. 61

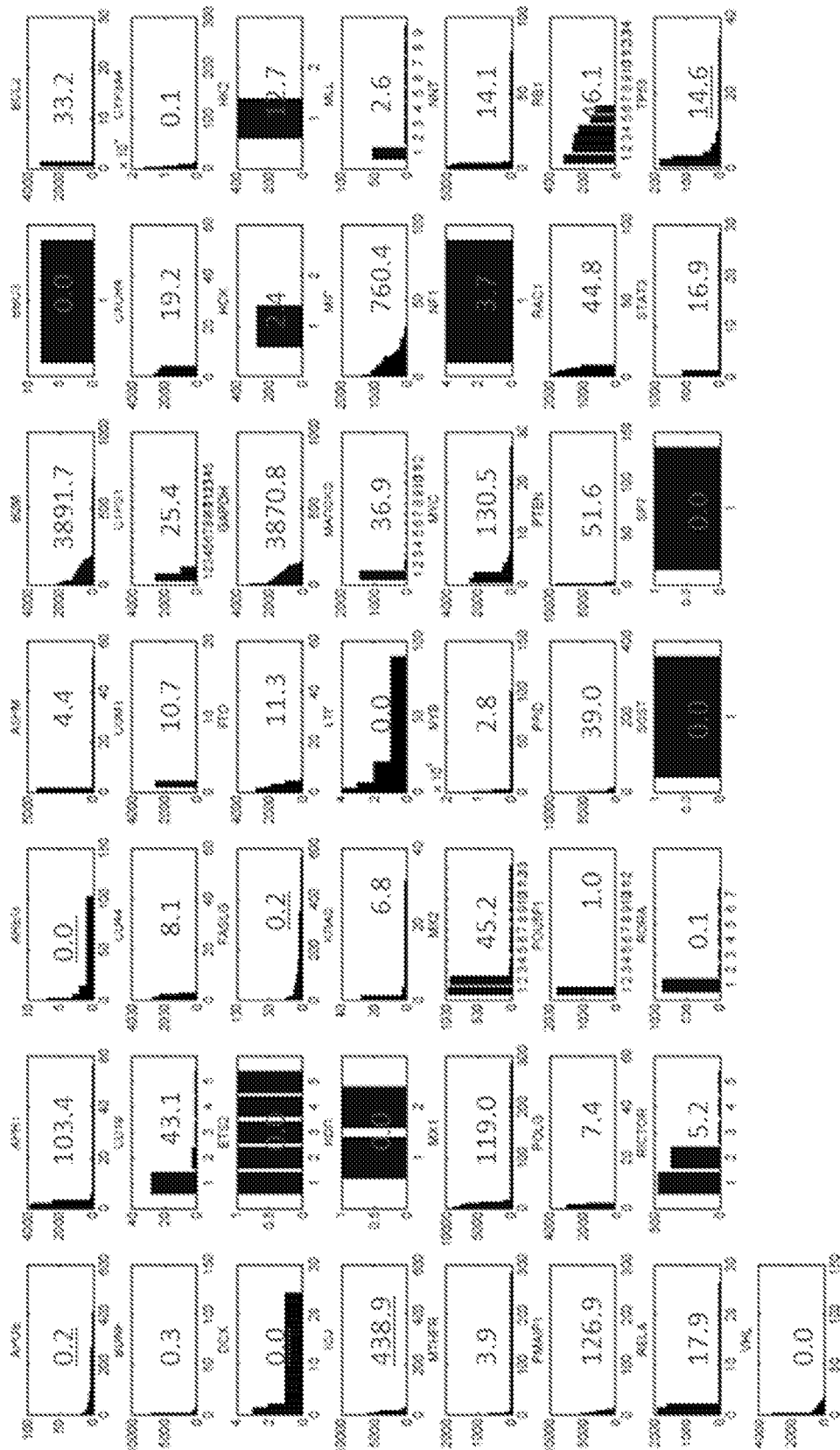


FIG. 62

101/116

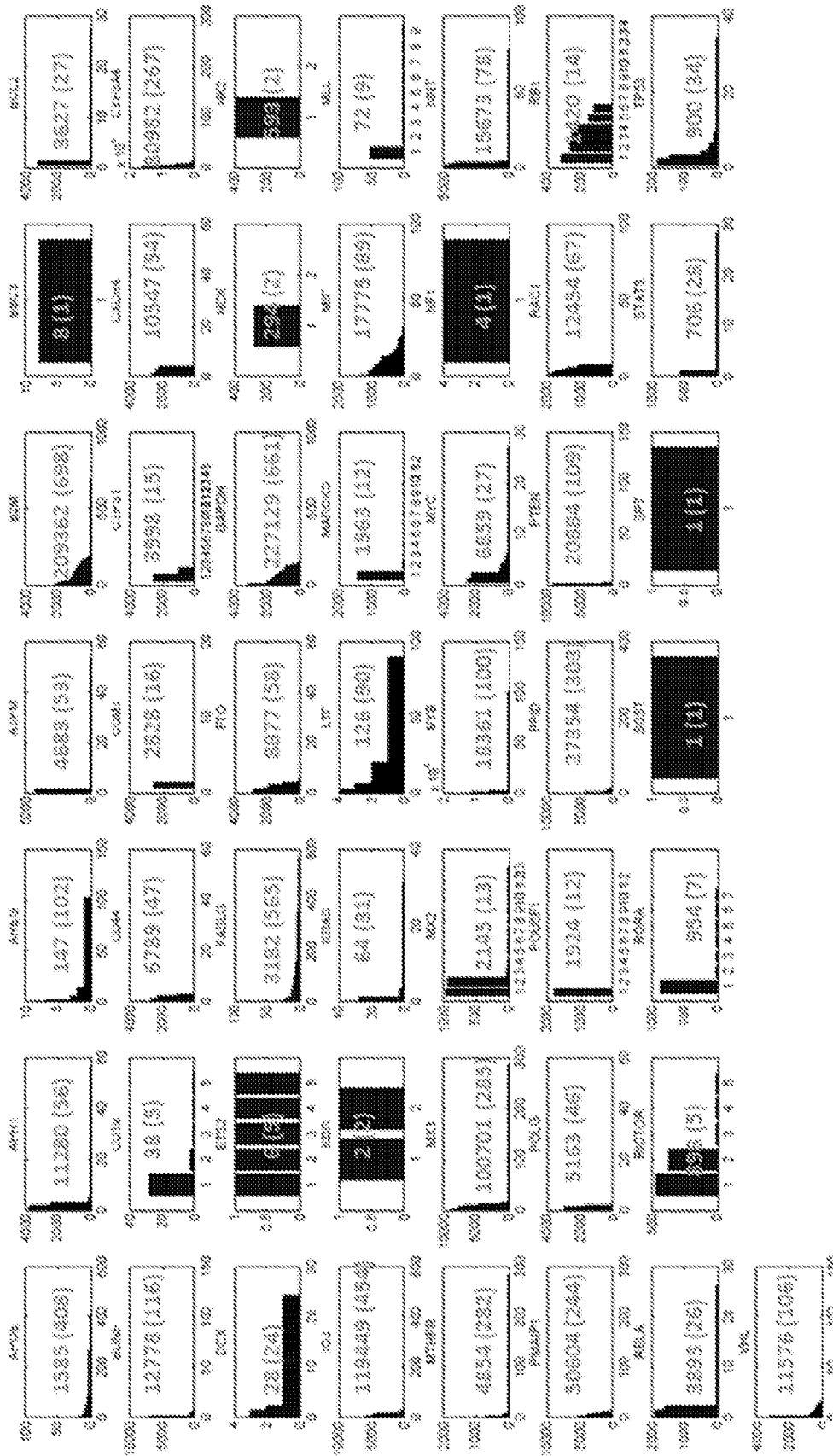


FIG. 63

102/116

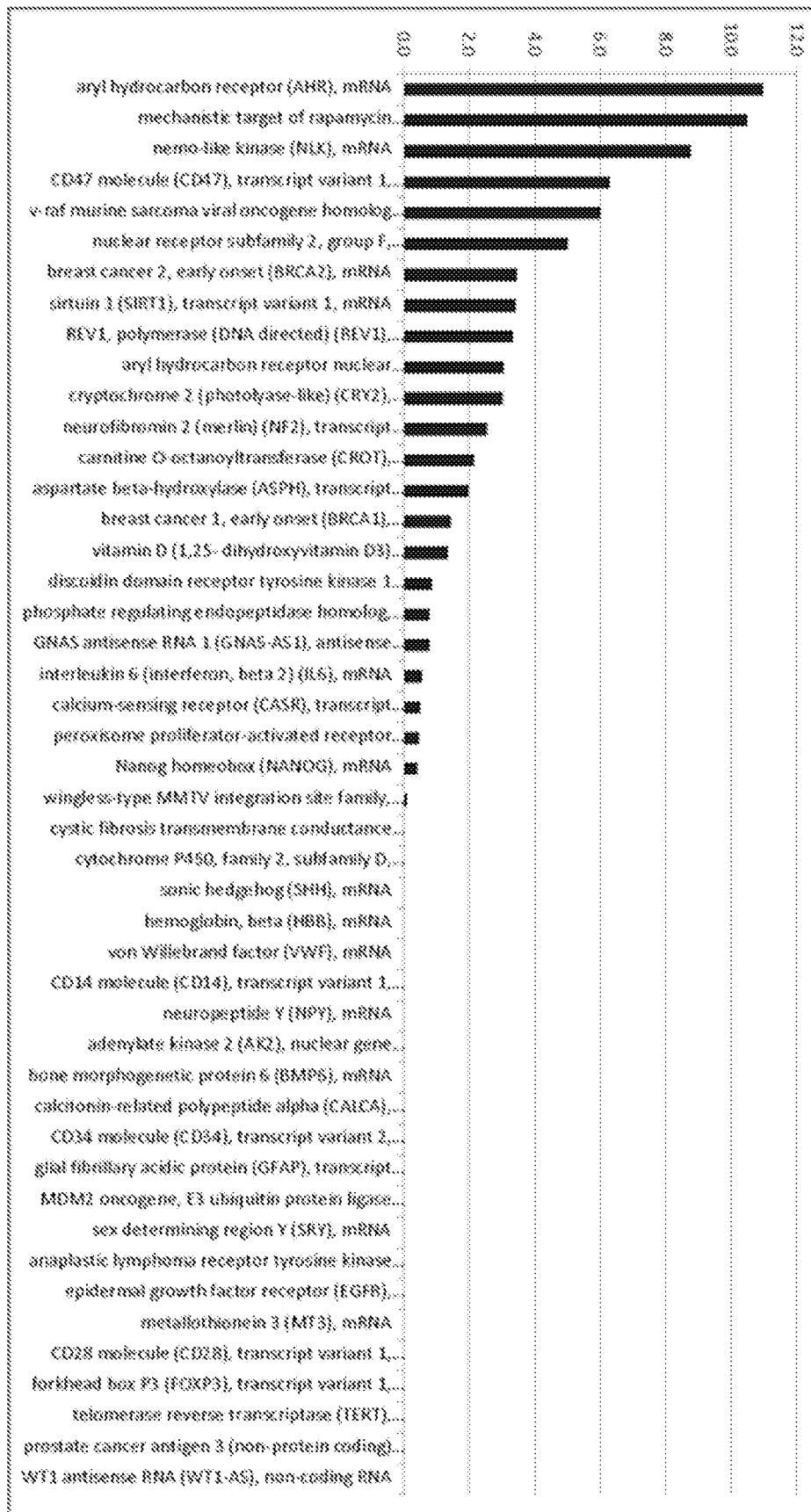


FIG. 64

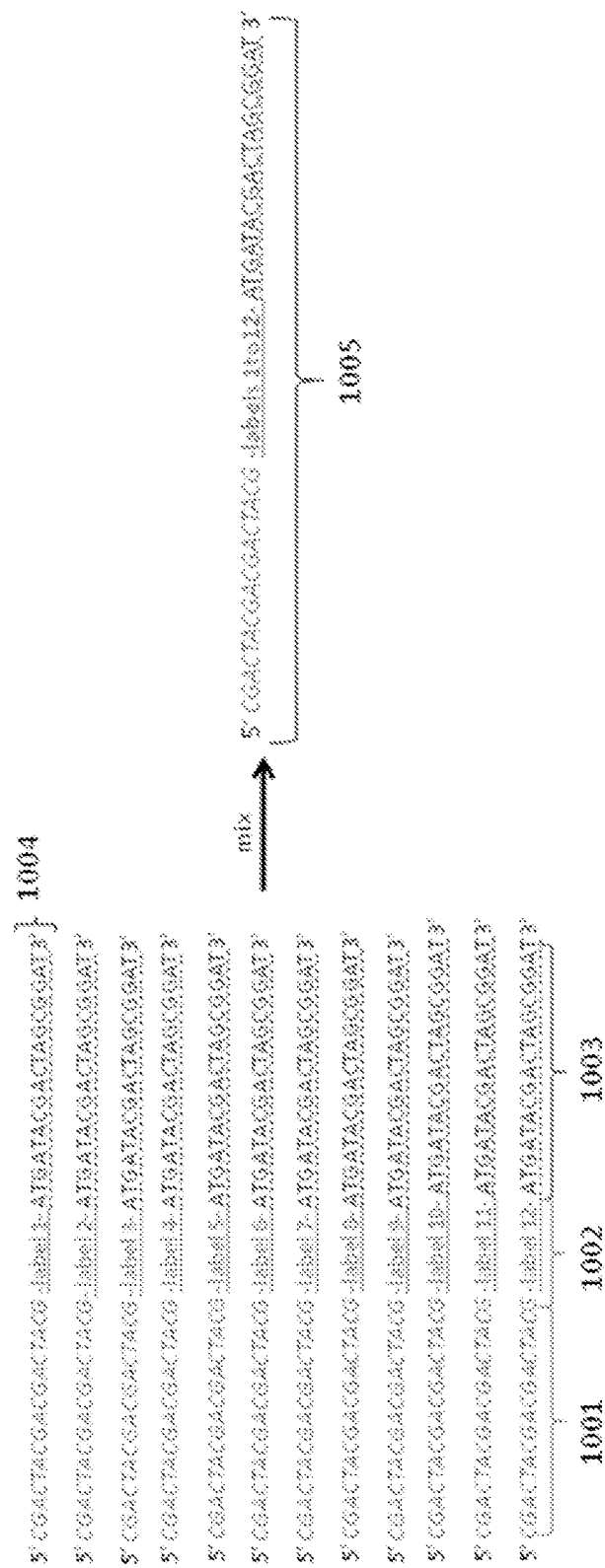


FIG. 65

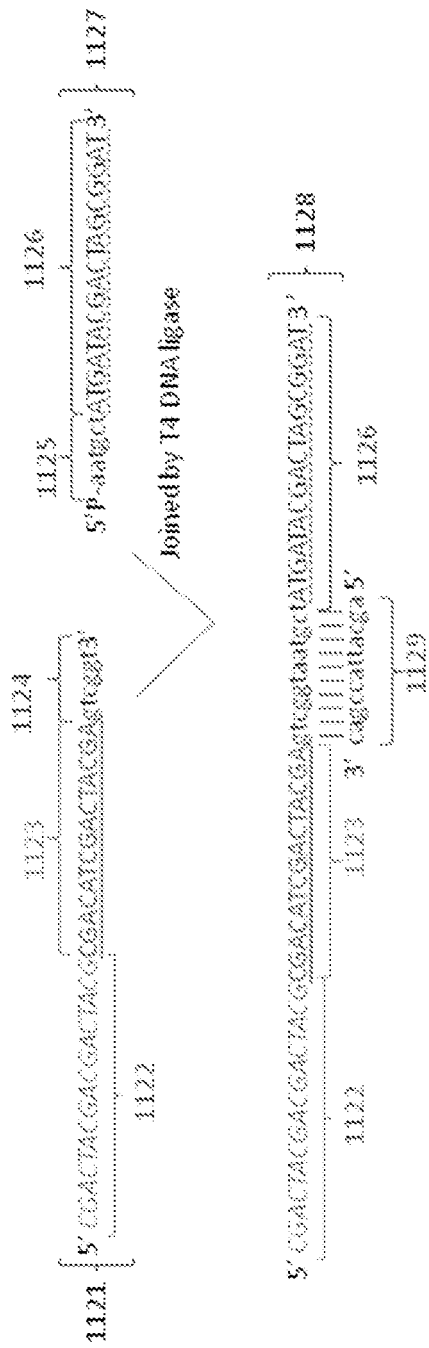


FIG. 66A

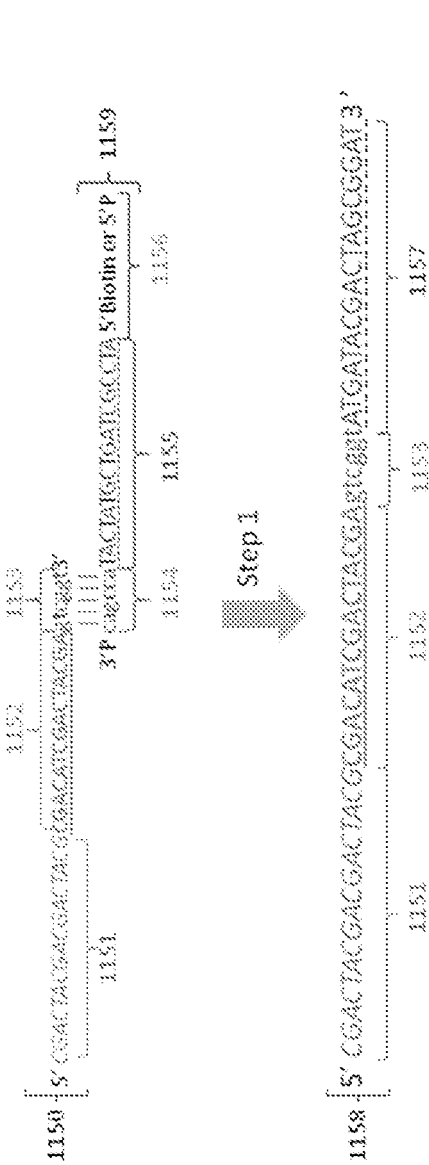


FIG. 66B

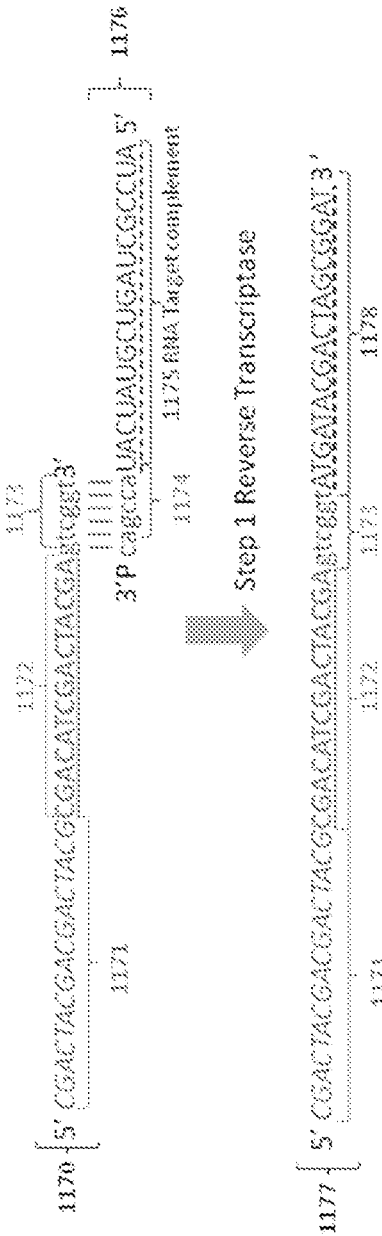
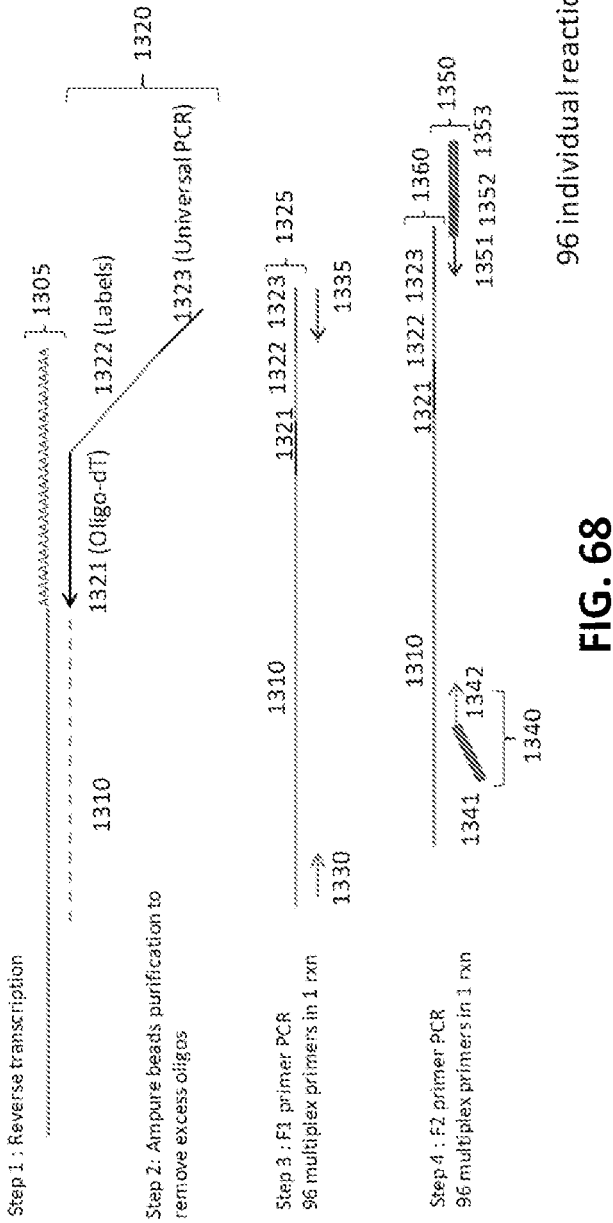
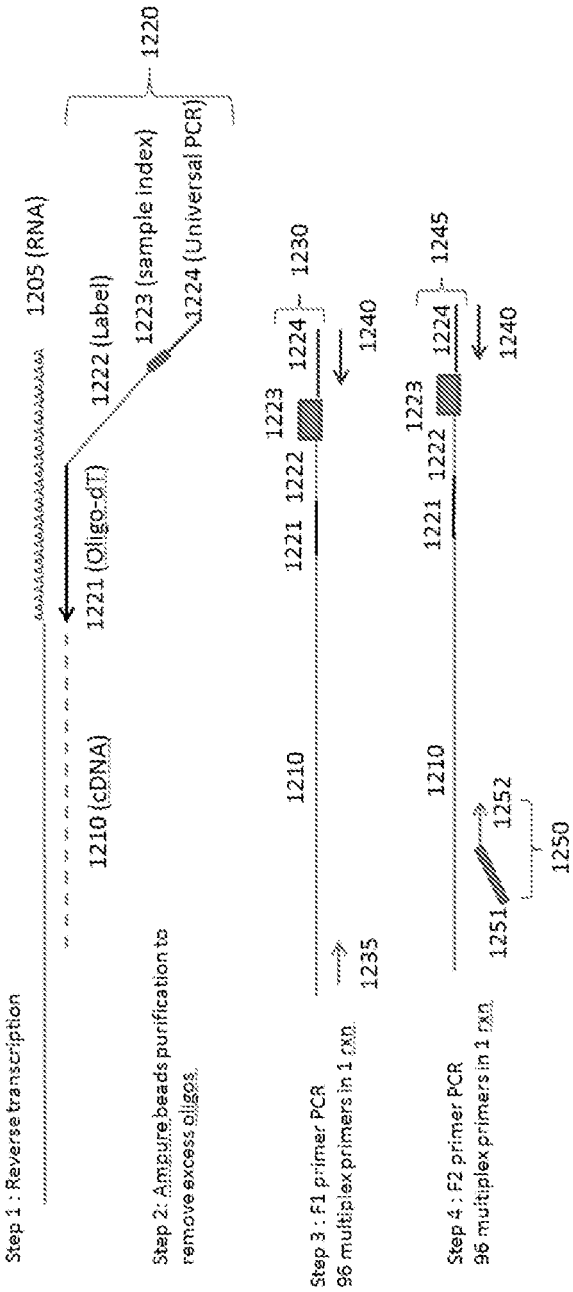


FIG. 66C



107/116

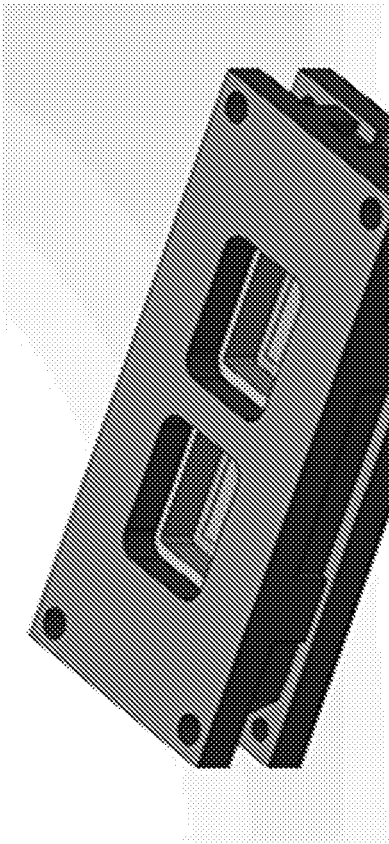


FIG. 70

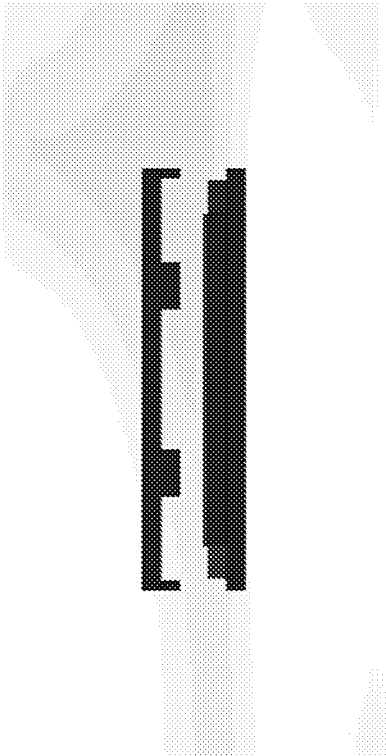
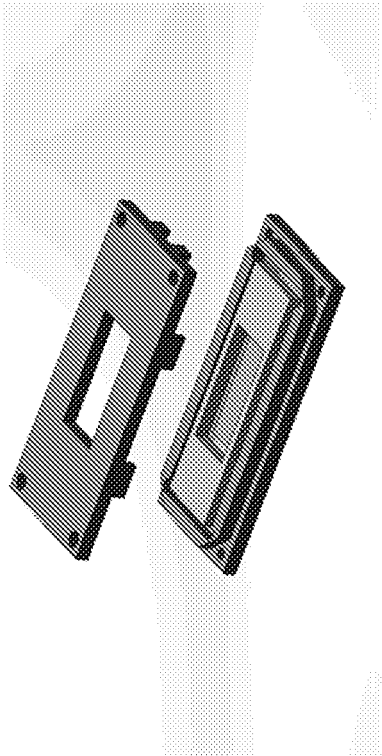


FIG. 69

108/116

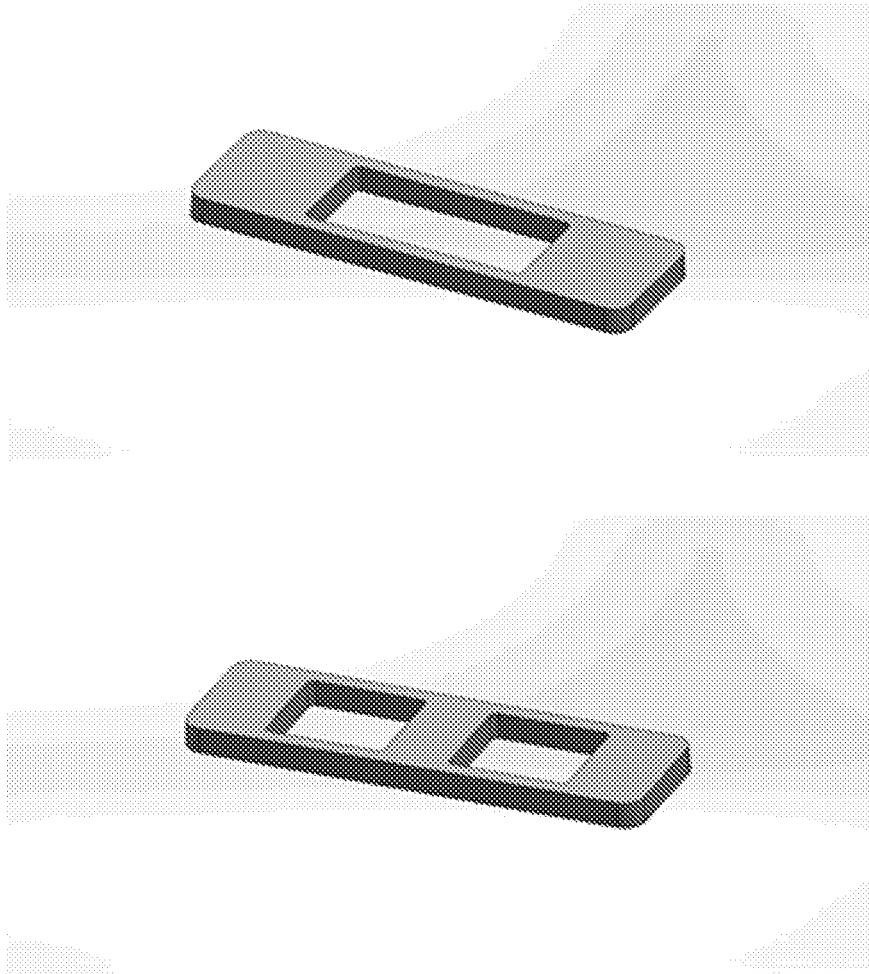


FIG. 71

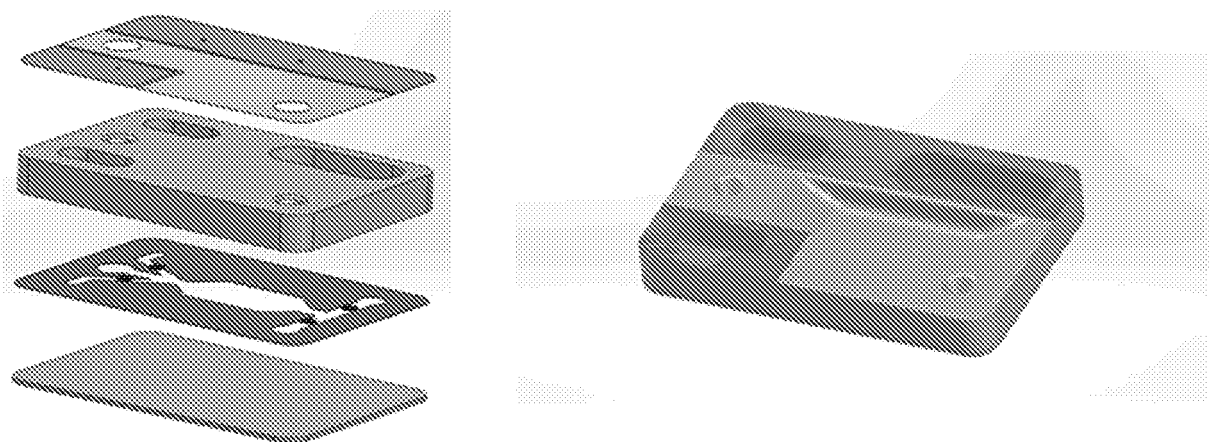


FIG. 72

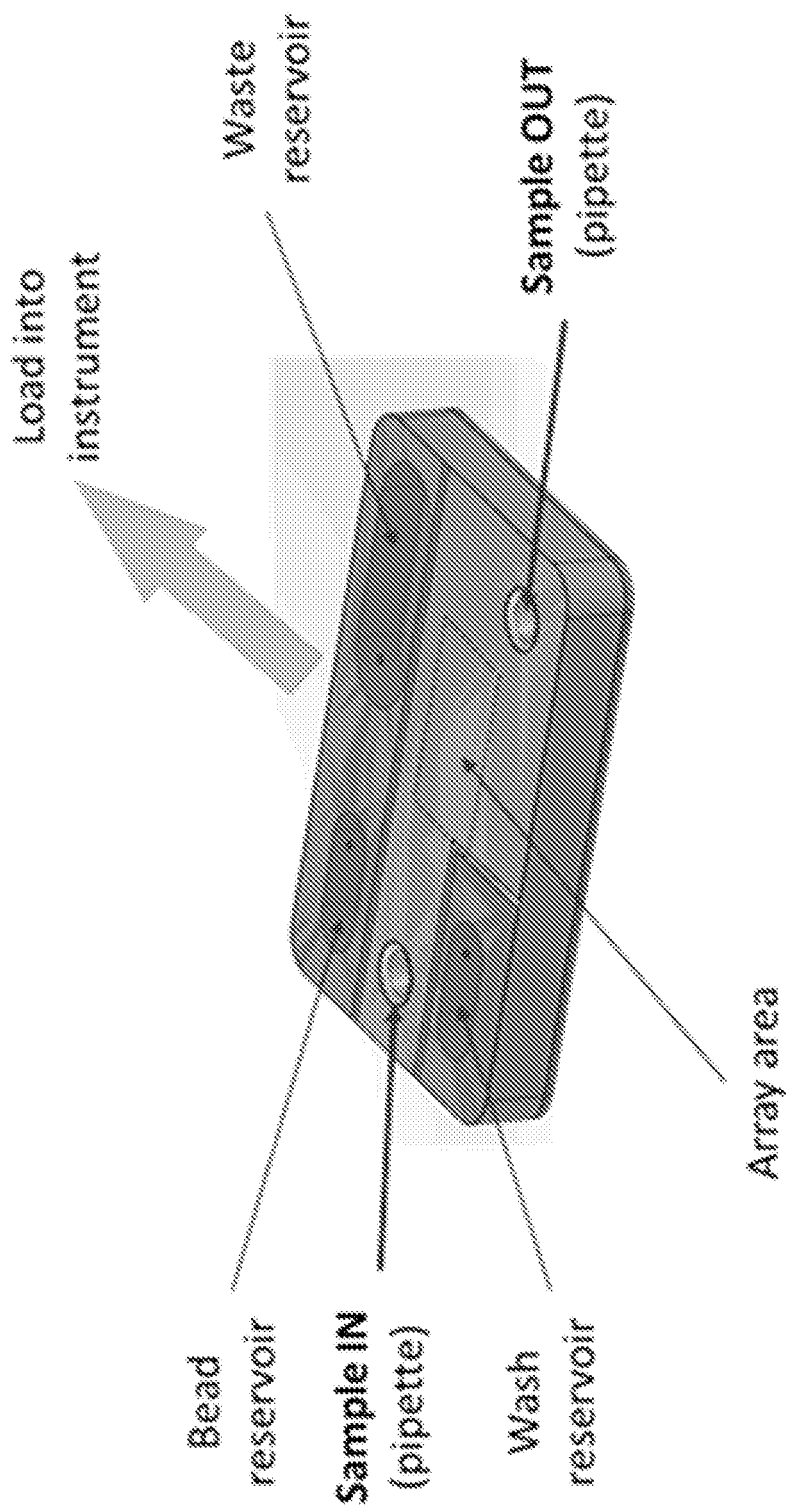


FIG. 73

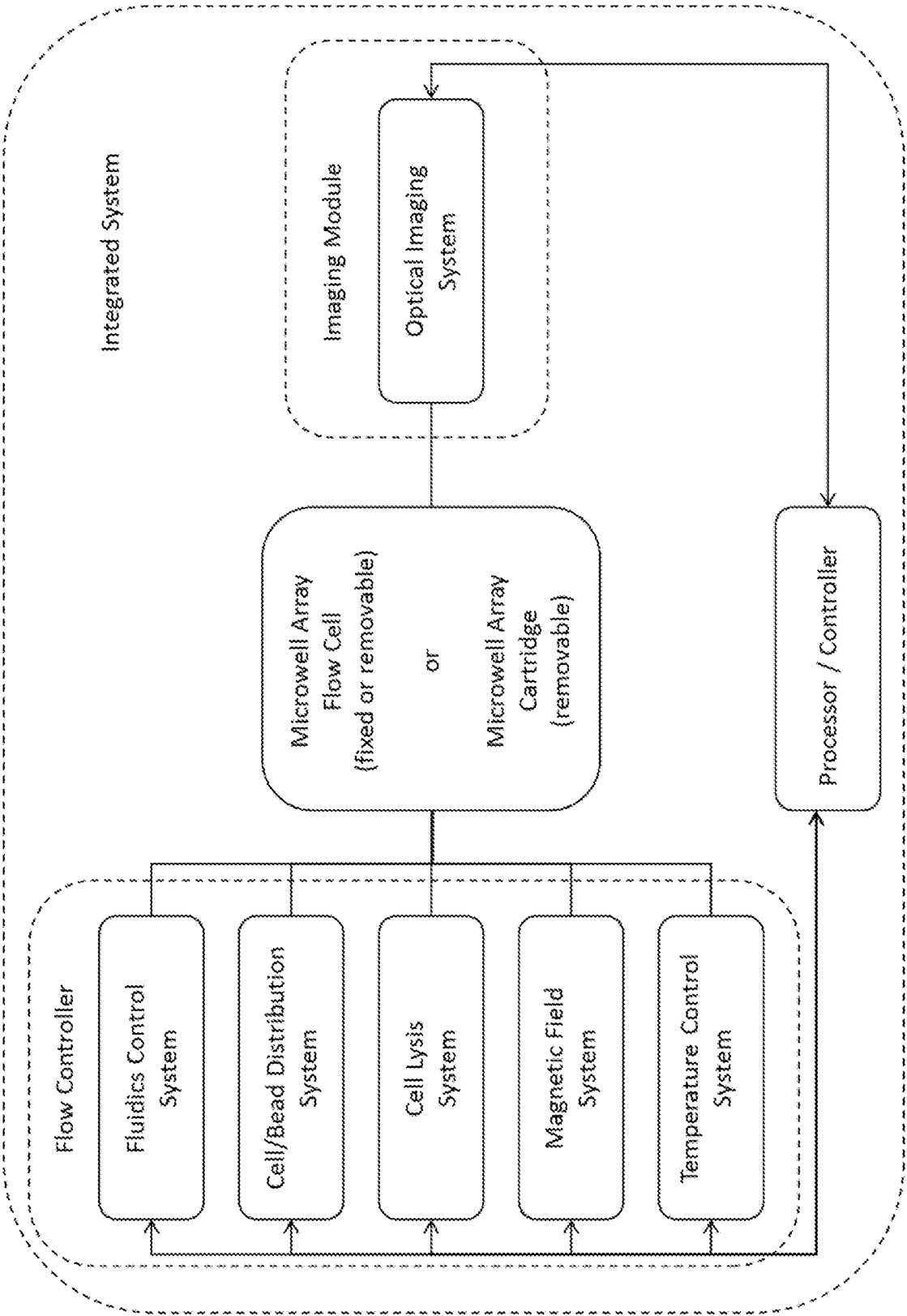


FIG. 74

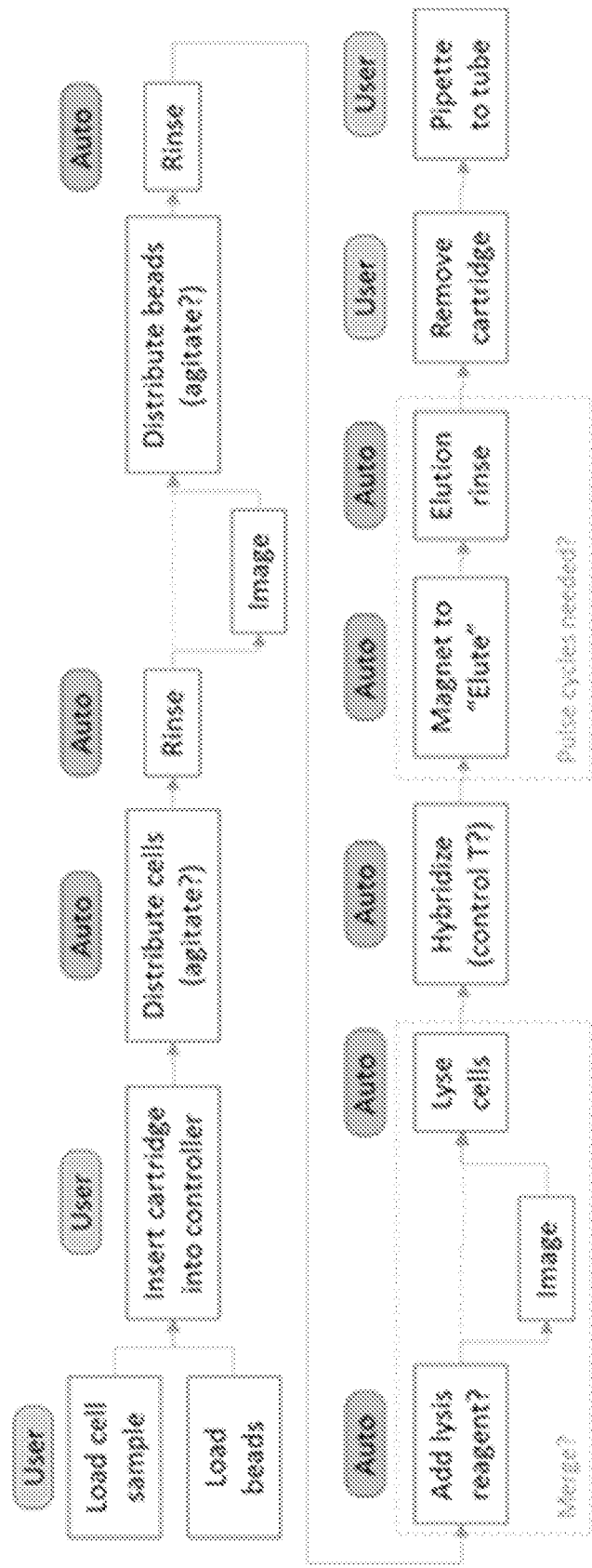


FIG. 75

112/116

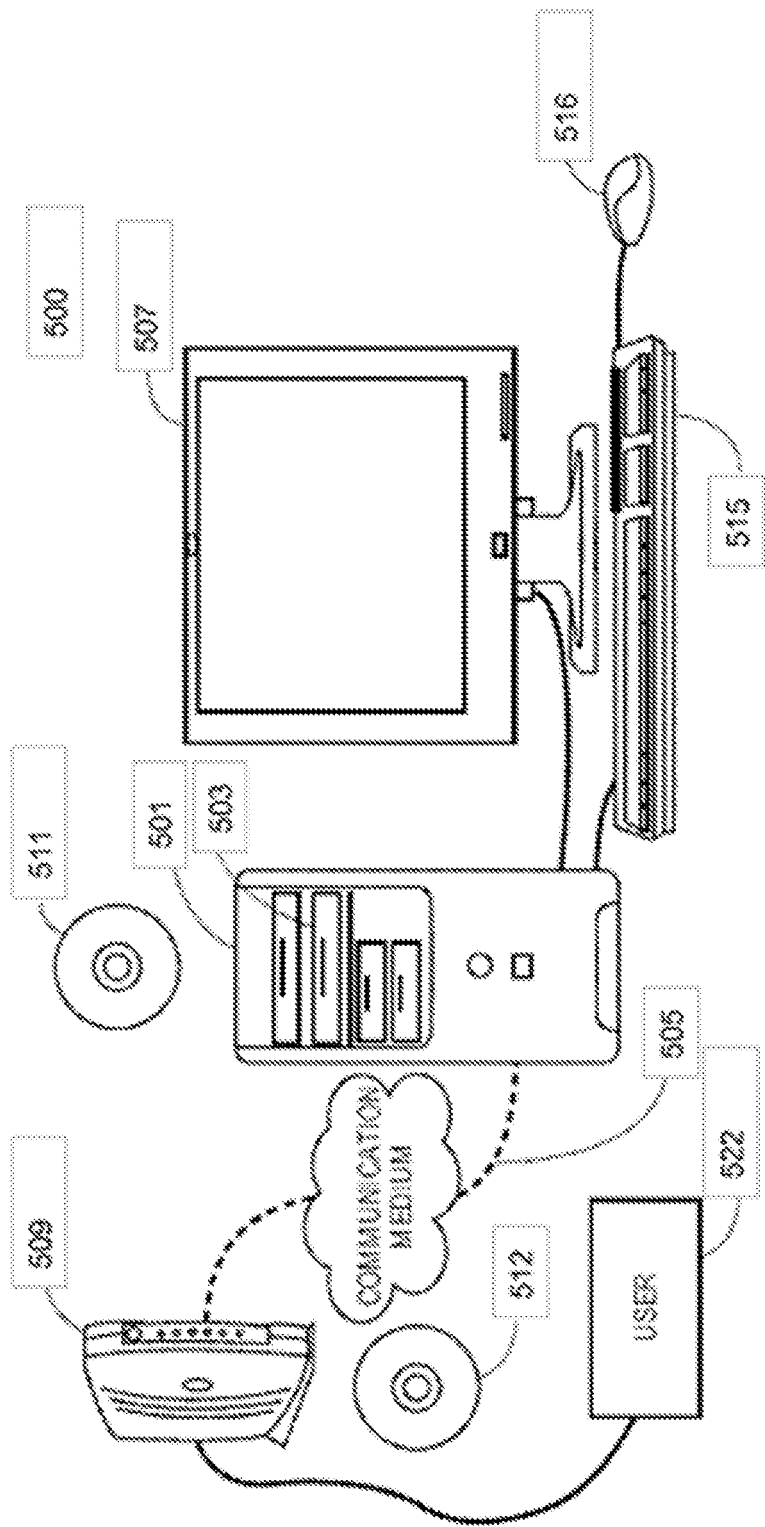


FIG. 76

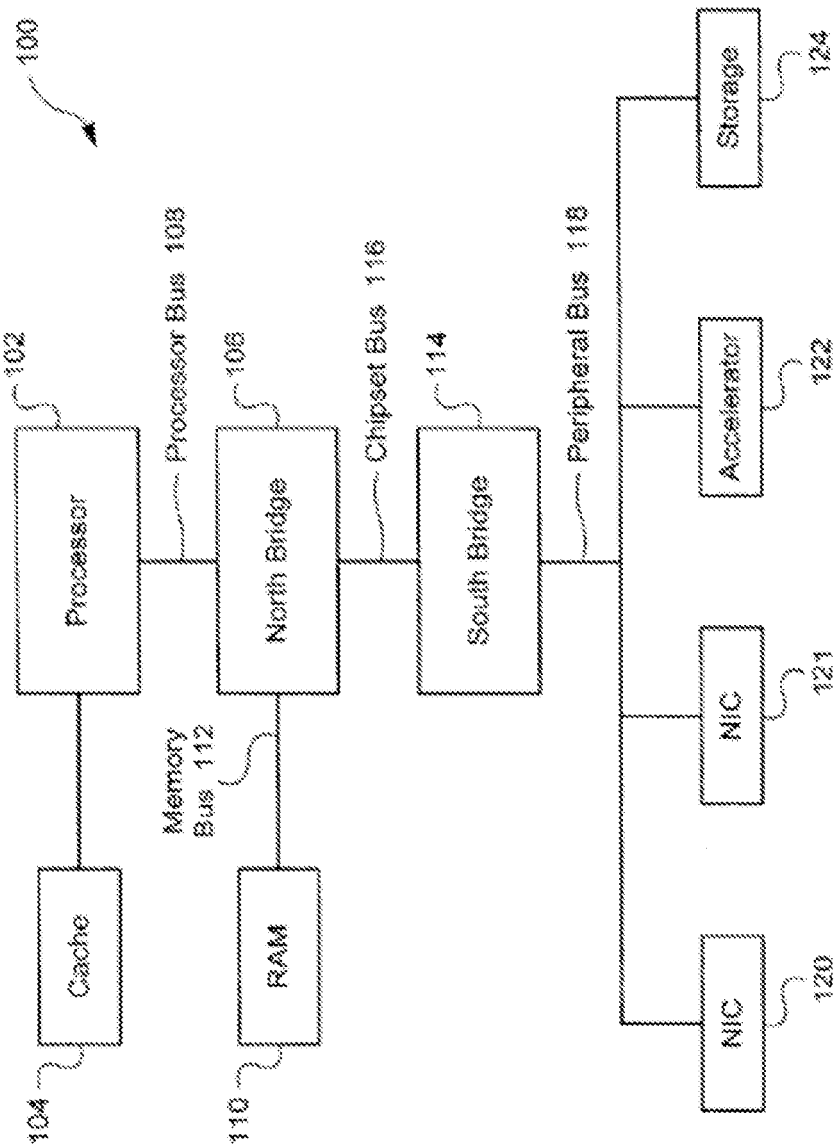


FIG. 77

114/116

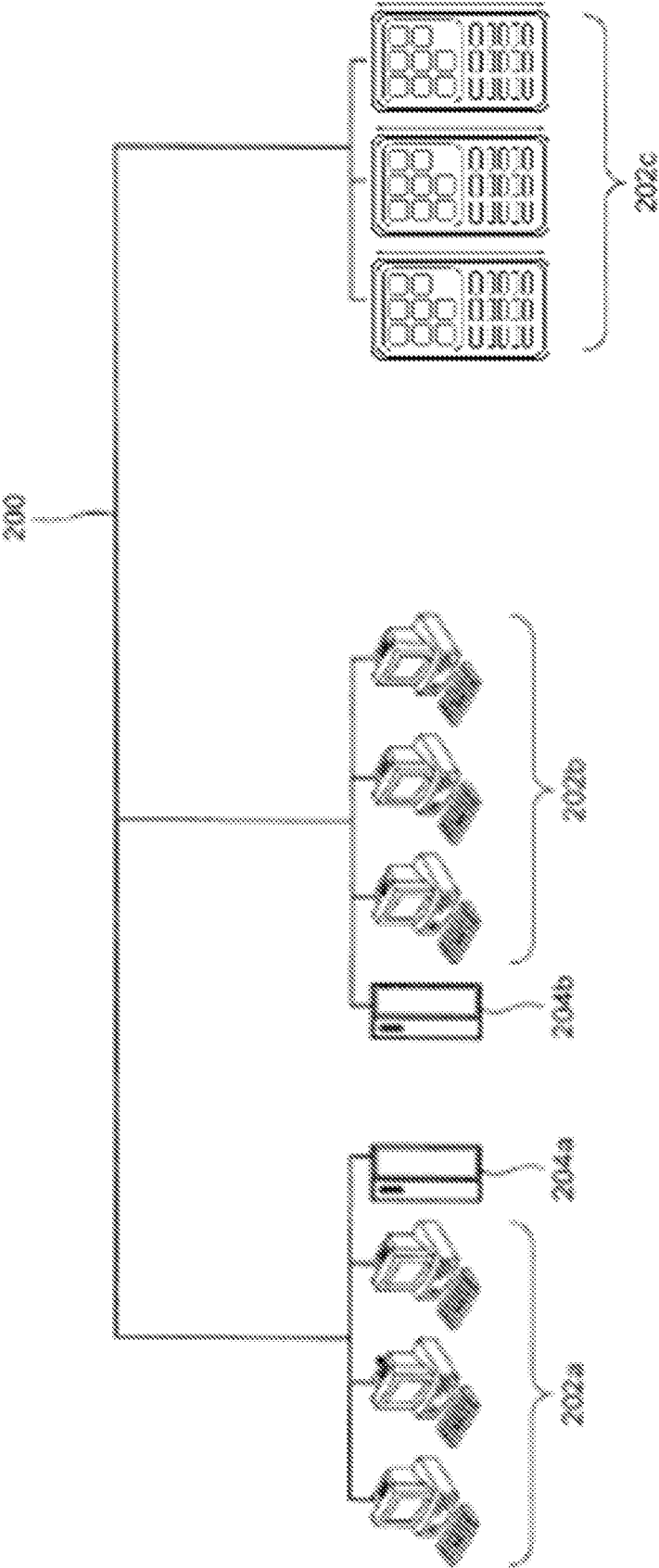


FIG. 78

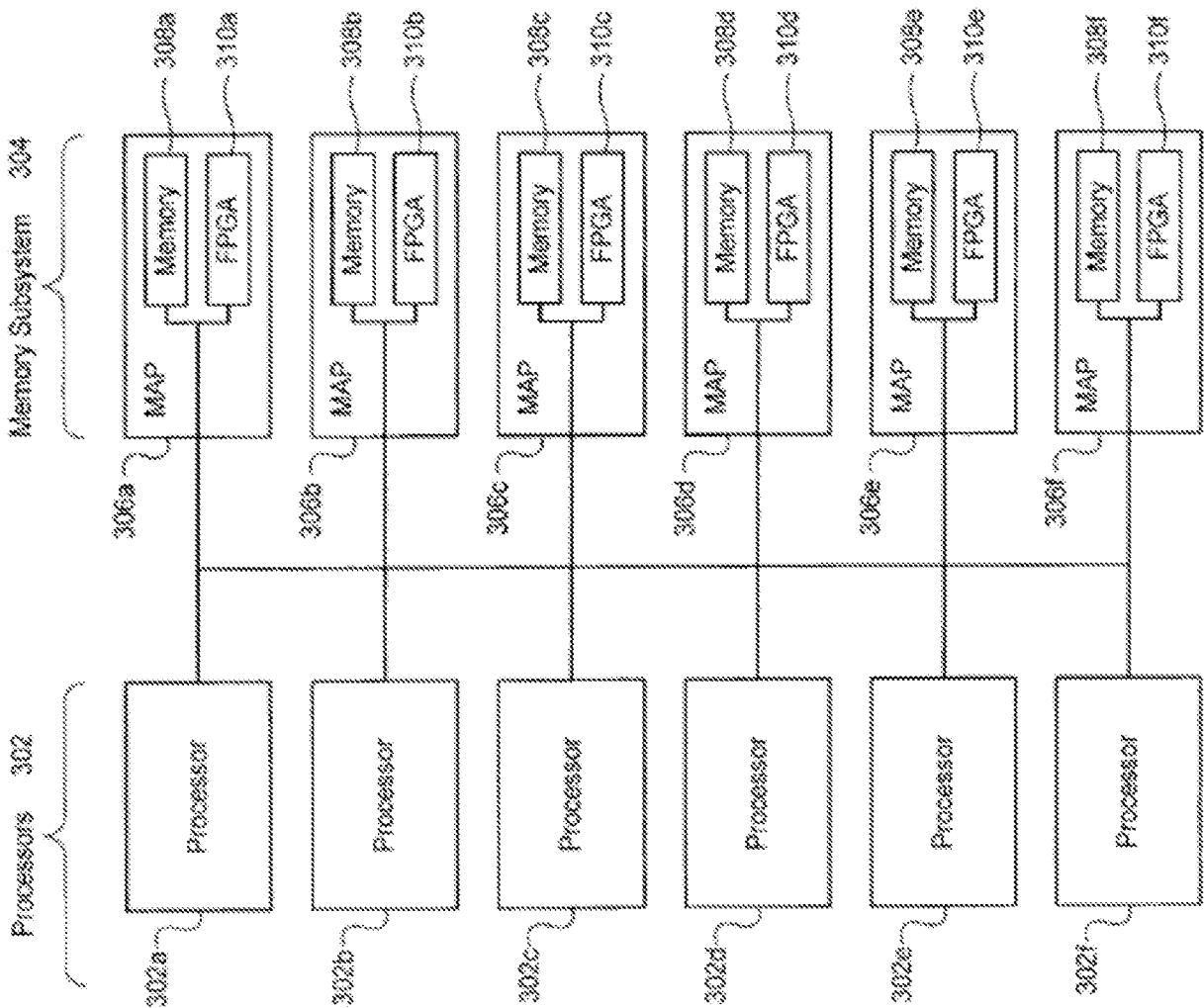


FIG. 79

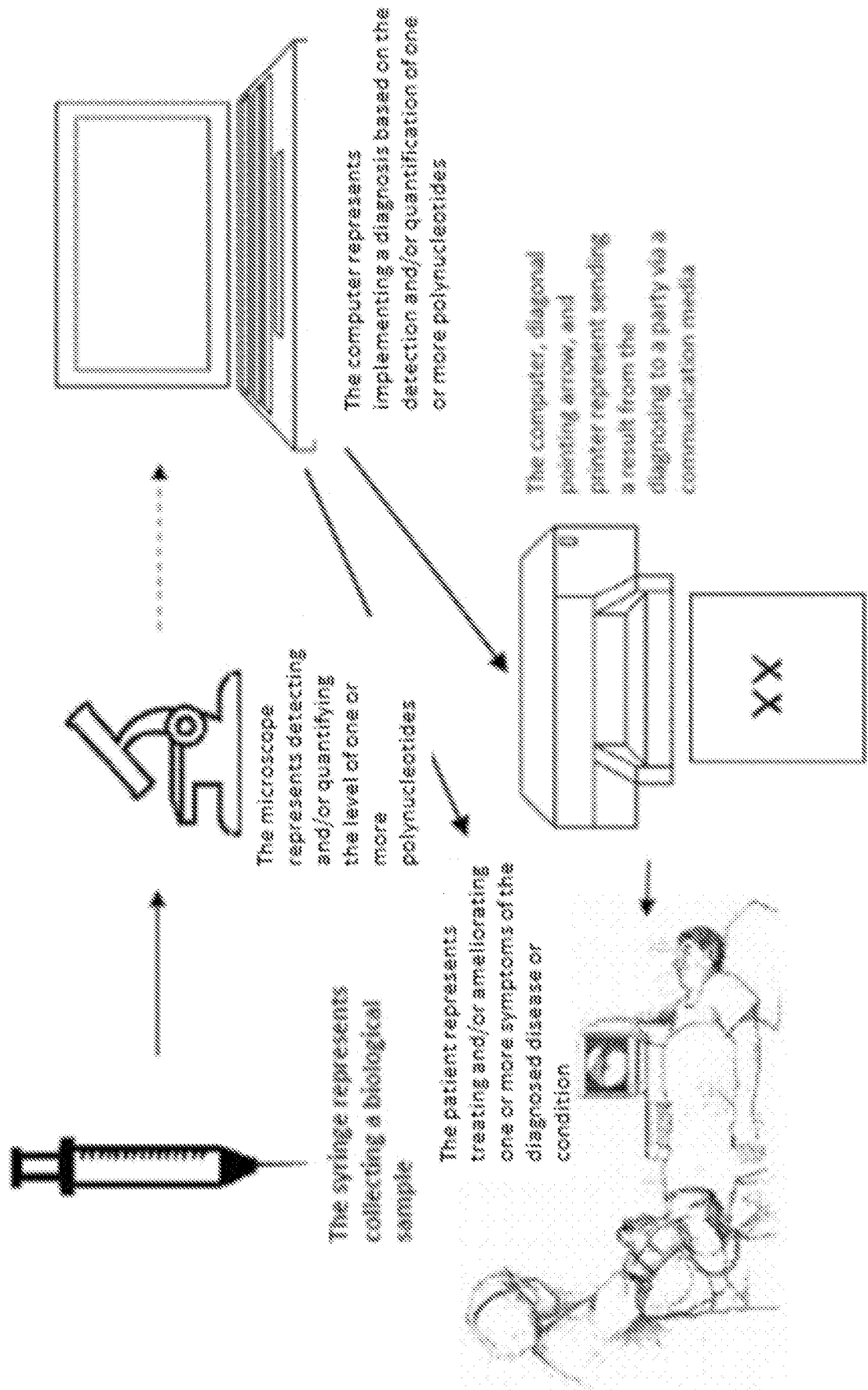


FIG. 80