

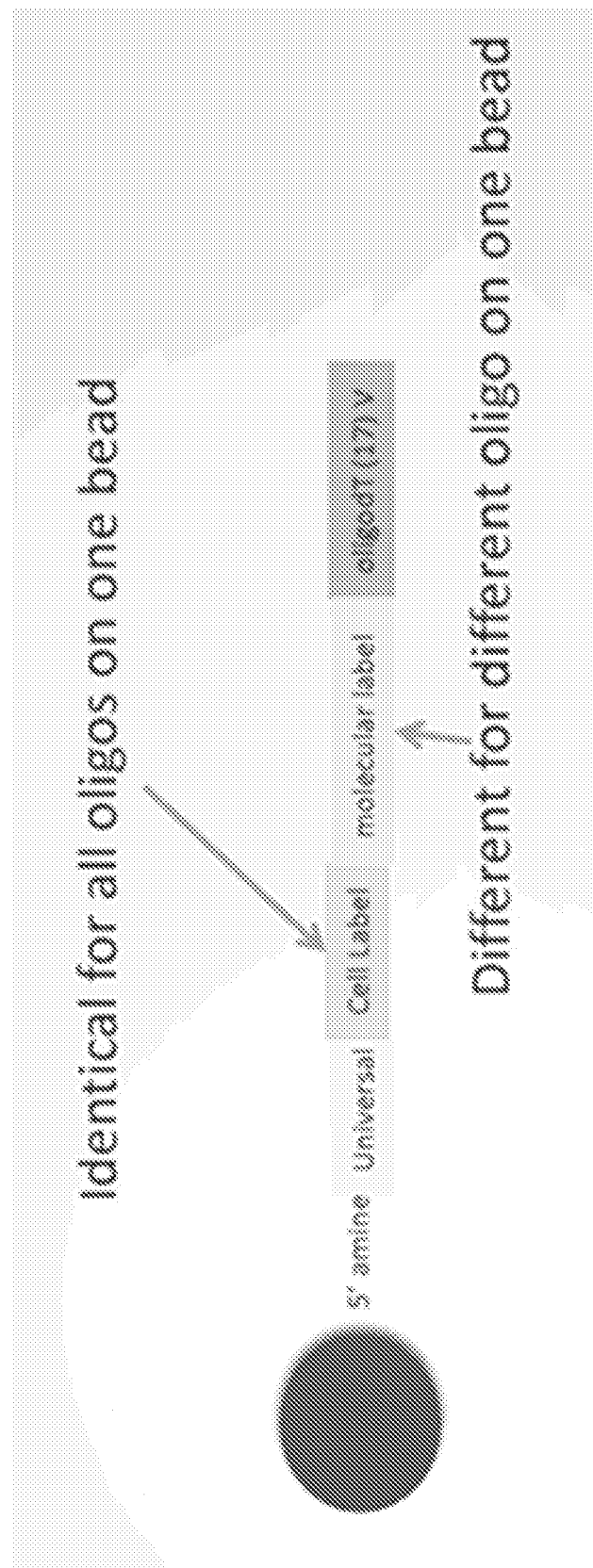


FIG. 1

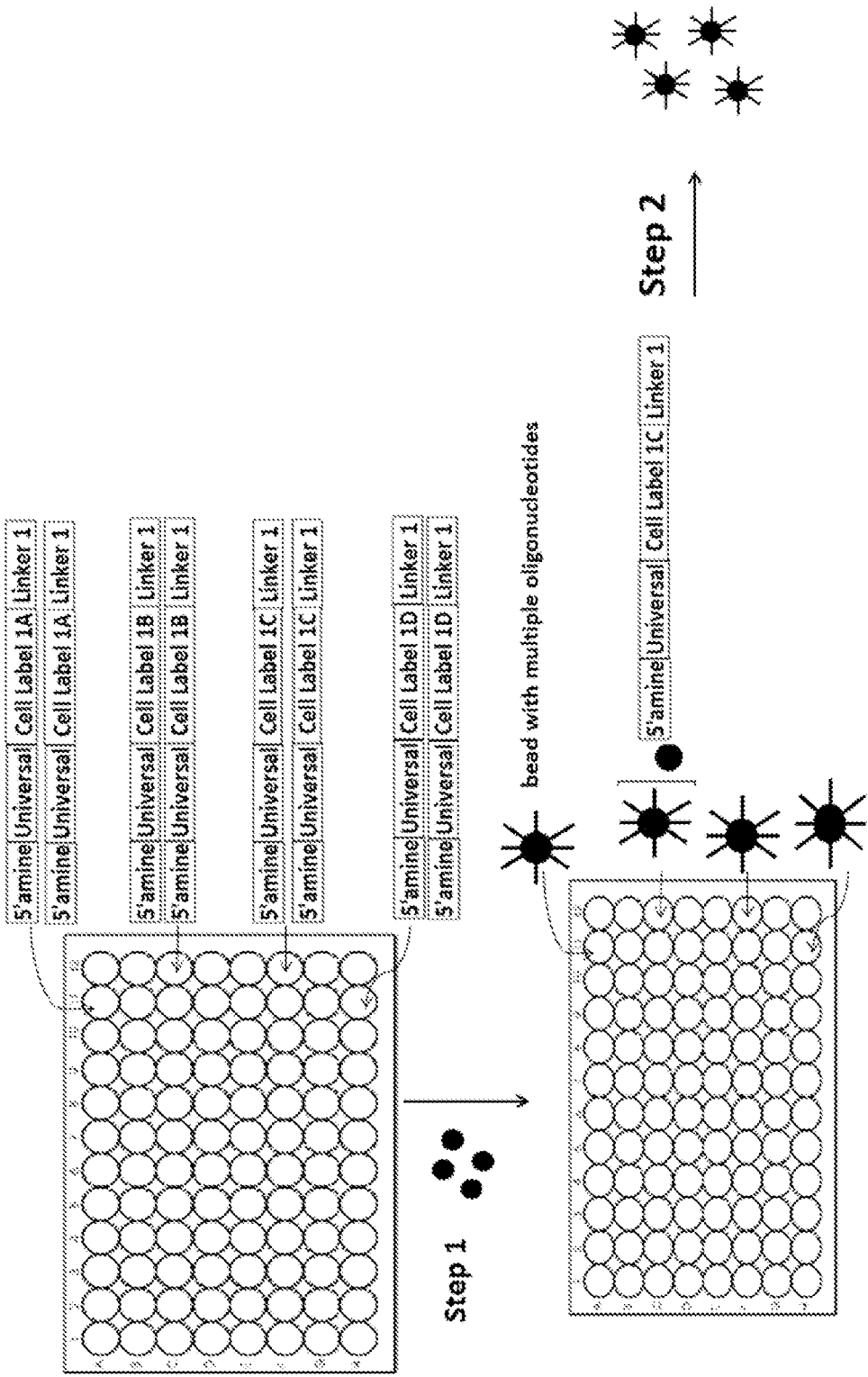


FIG. 2A

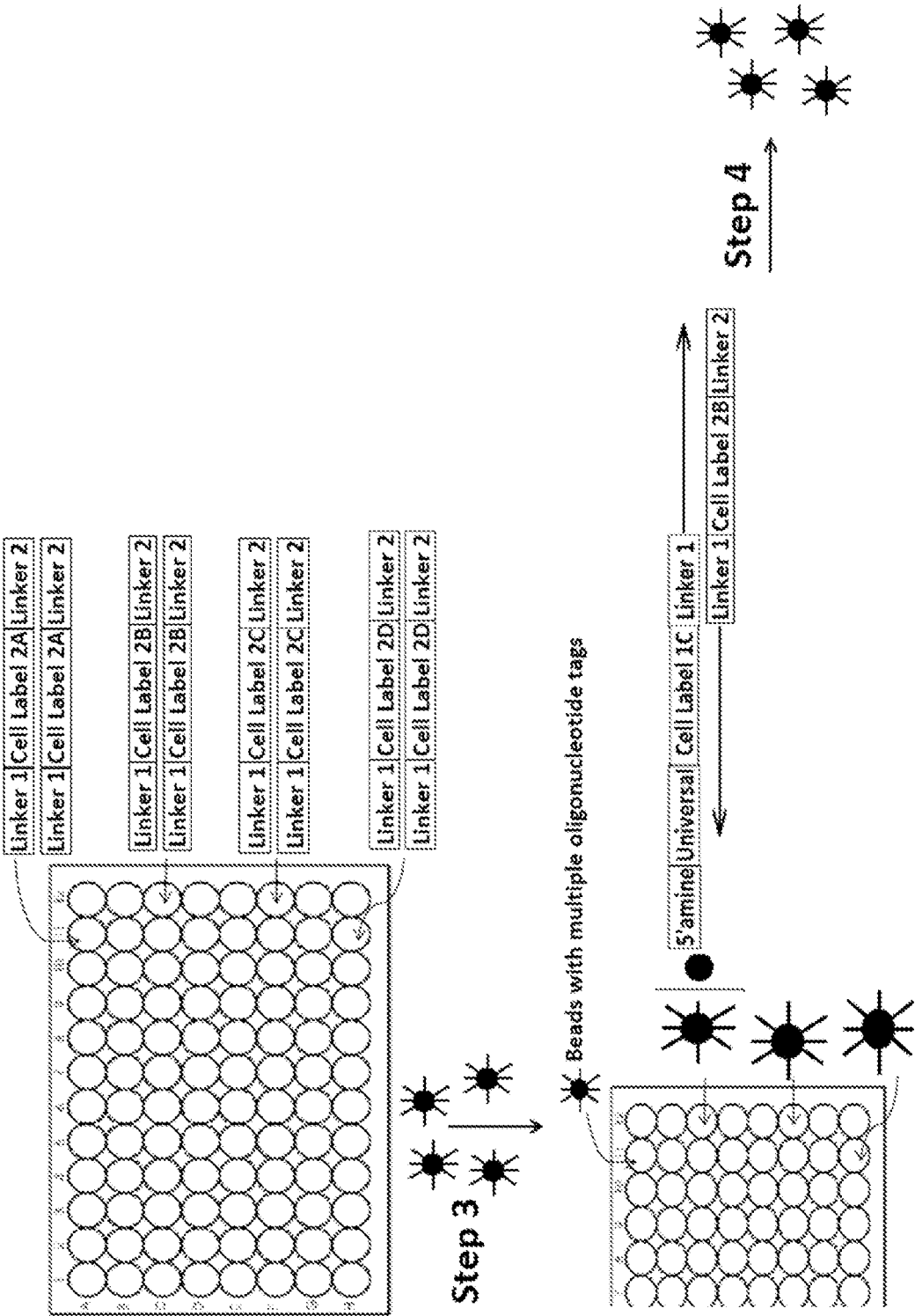


FIG. 2B

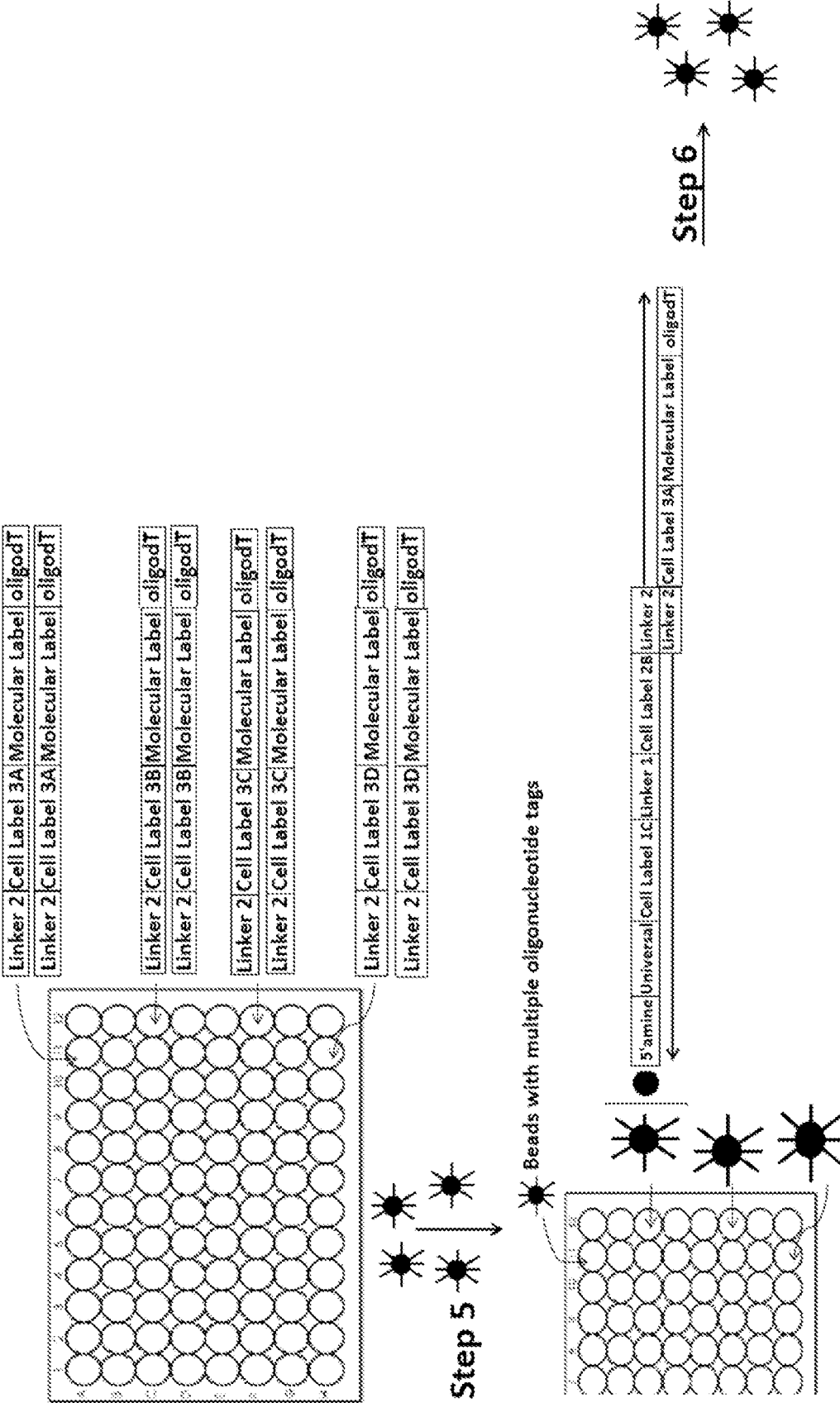


FIG. 2C

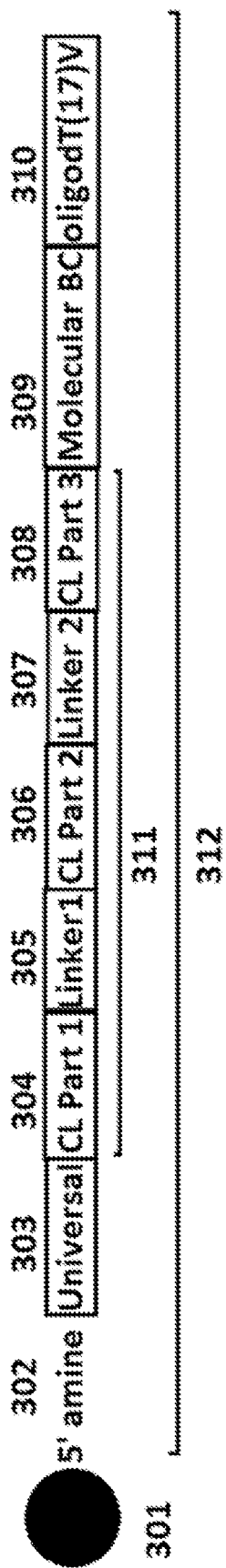


FIG. 3

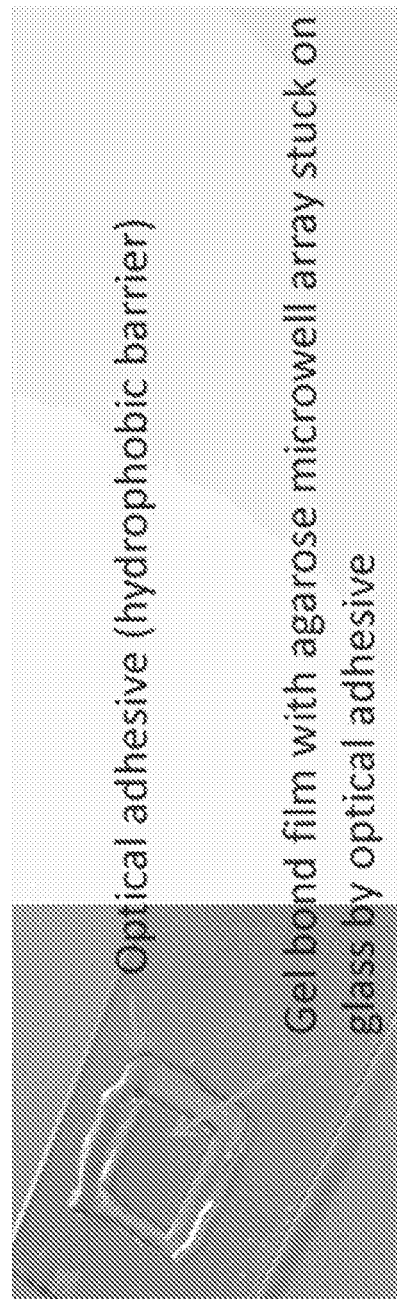


FIG. 4

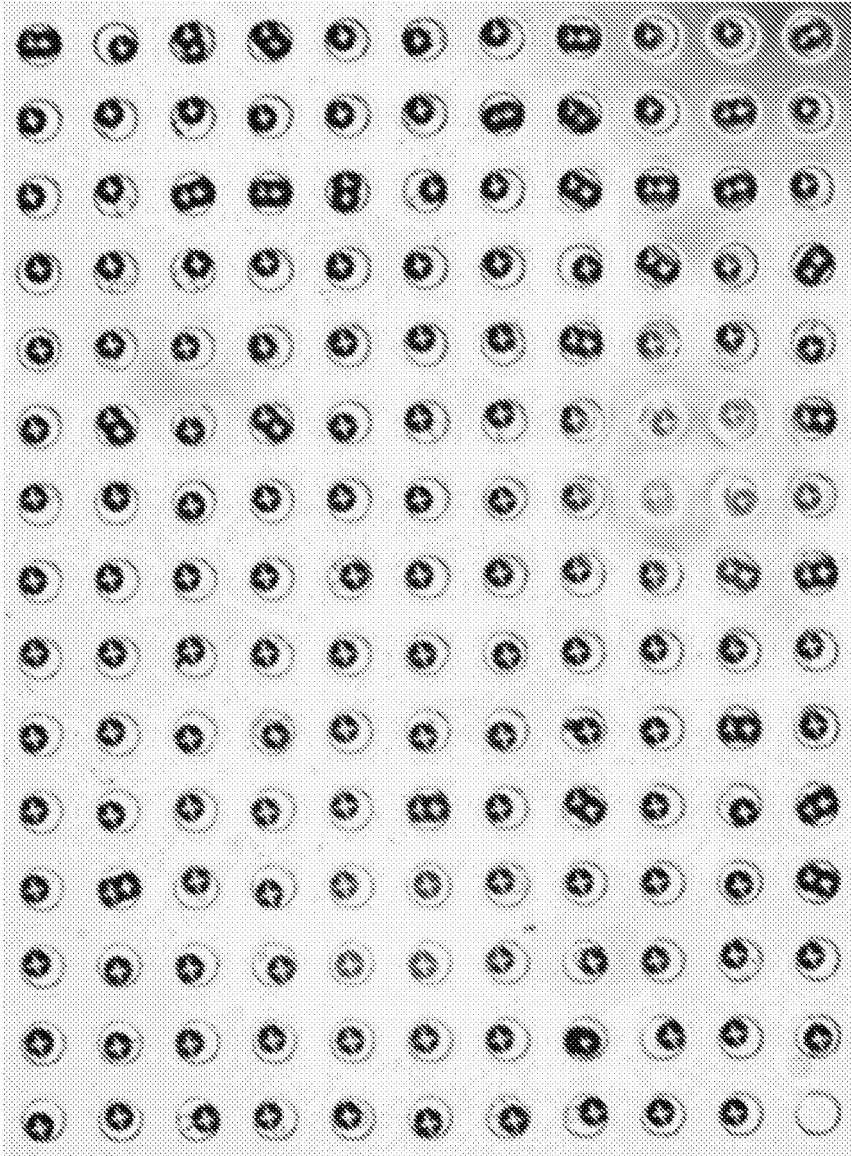


FIG. 5



FIG. 6A

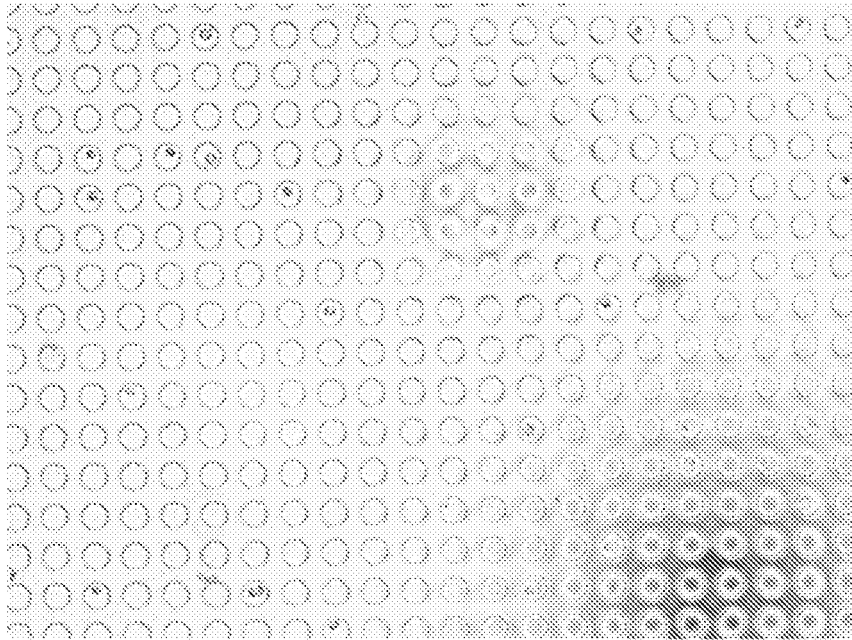


FIG. 6B

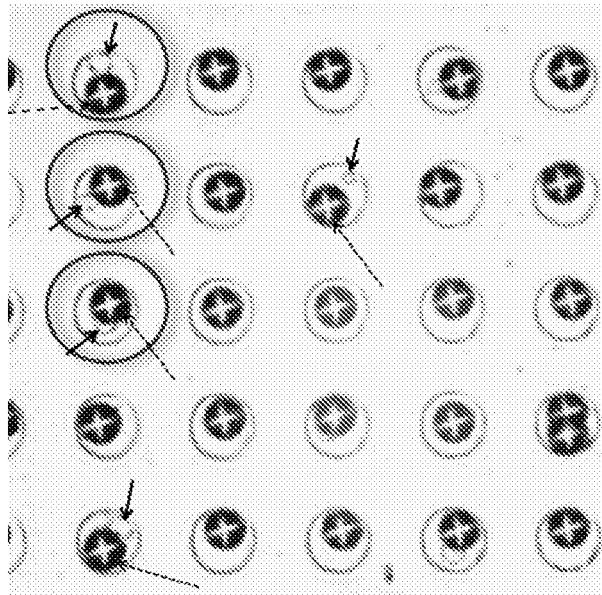


FIG. 6C

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

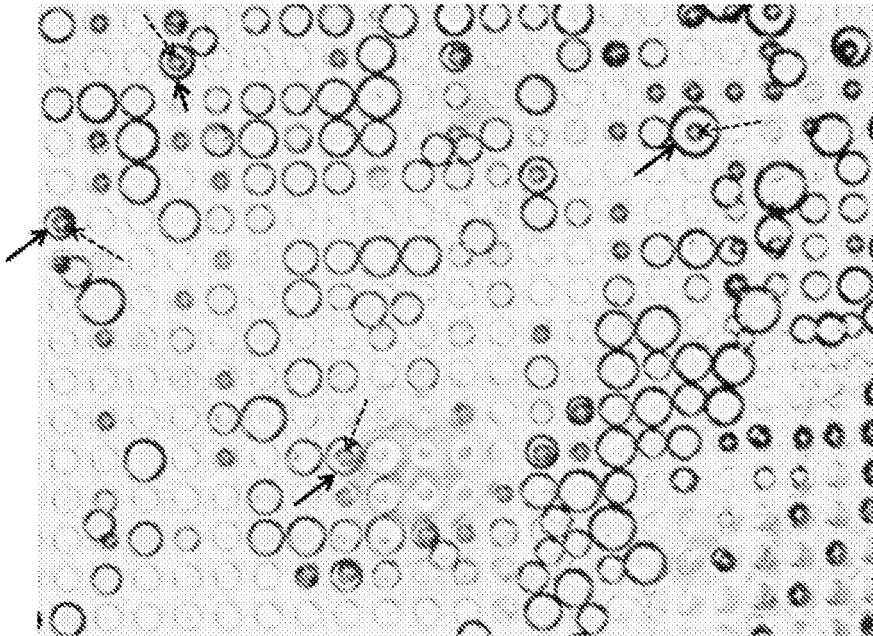


FIG. 8A

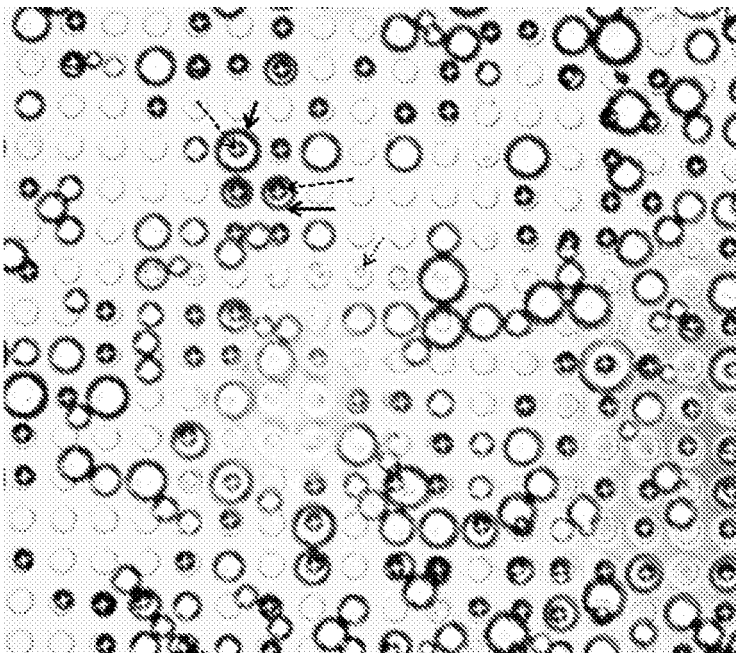


FIG. 8B

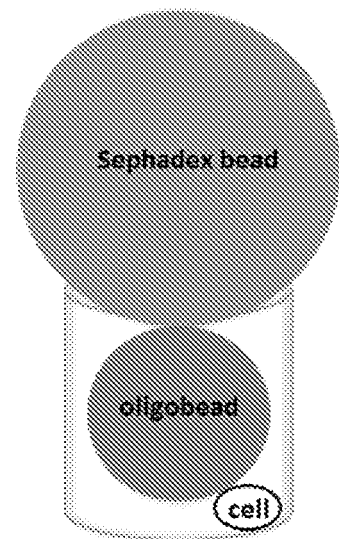


FIG. 8C

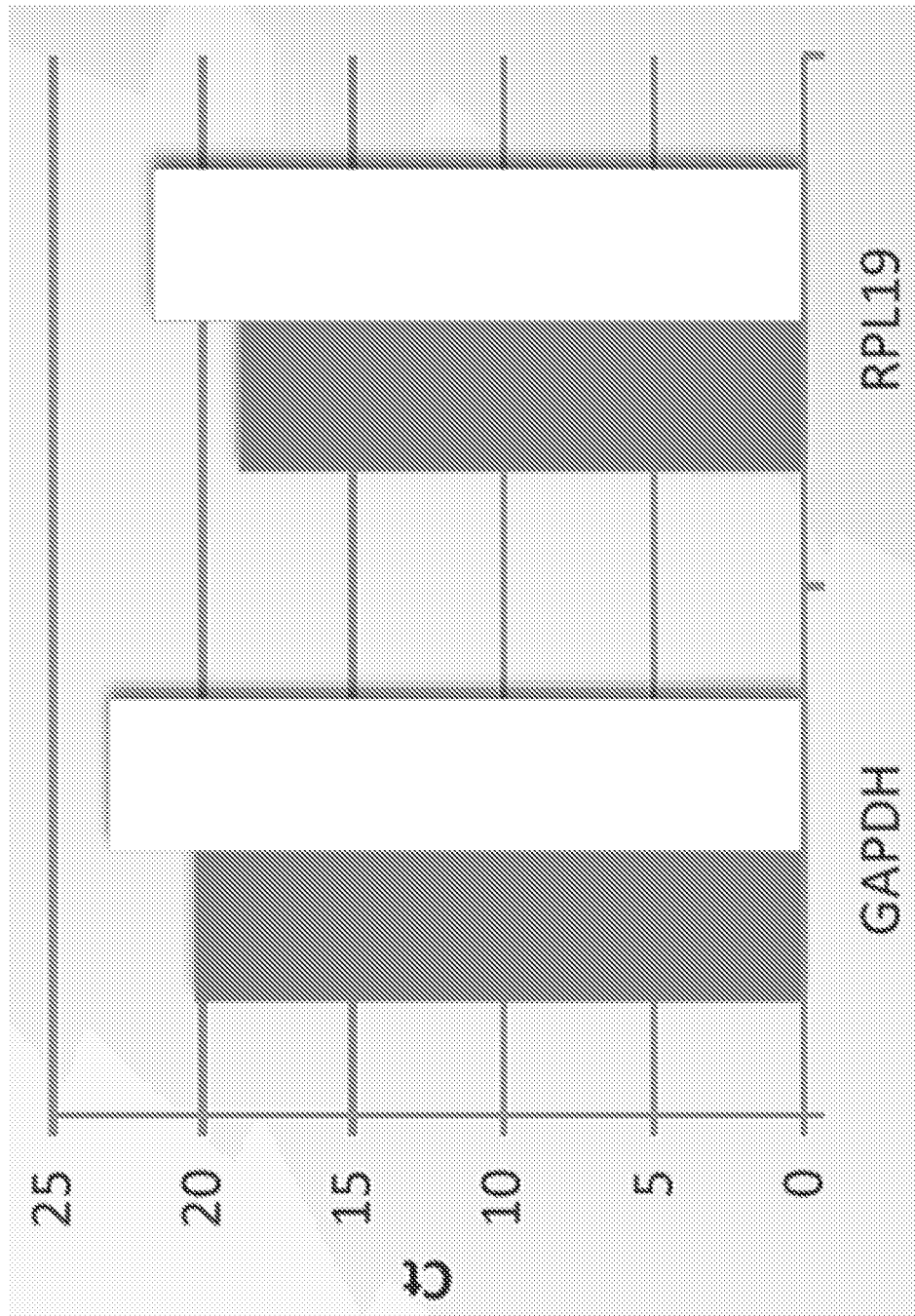


FIG. 9

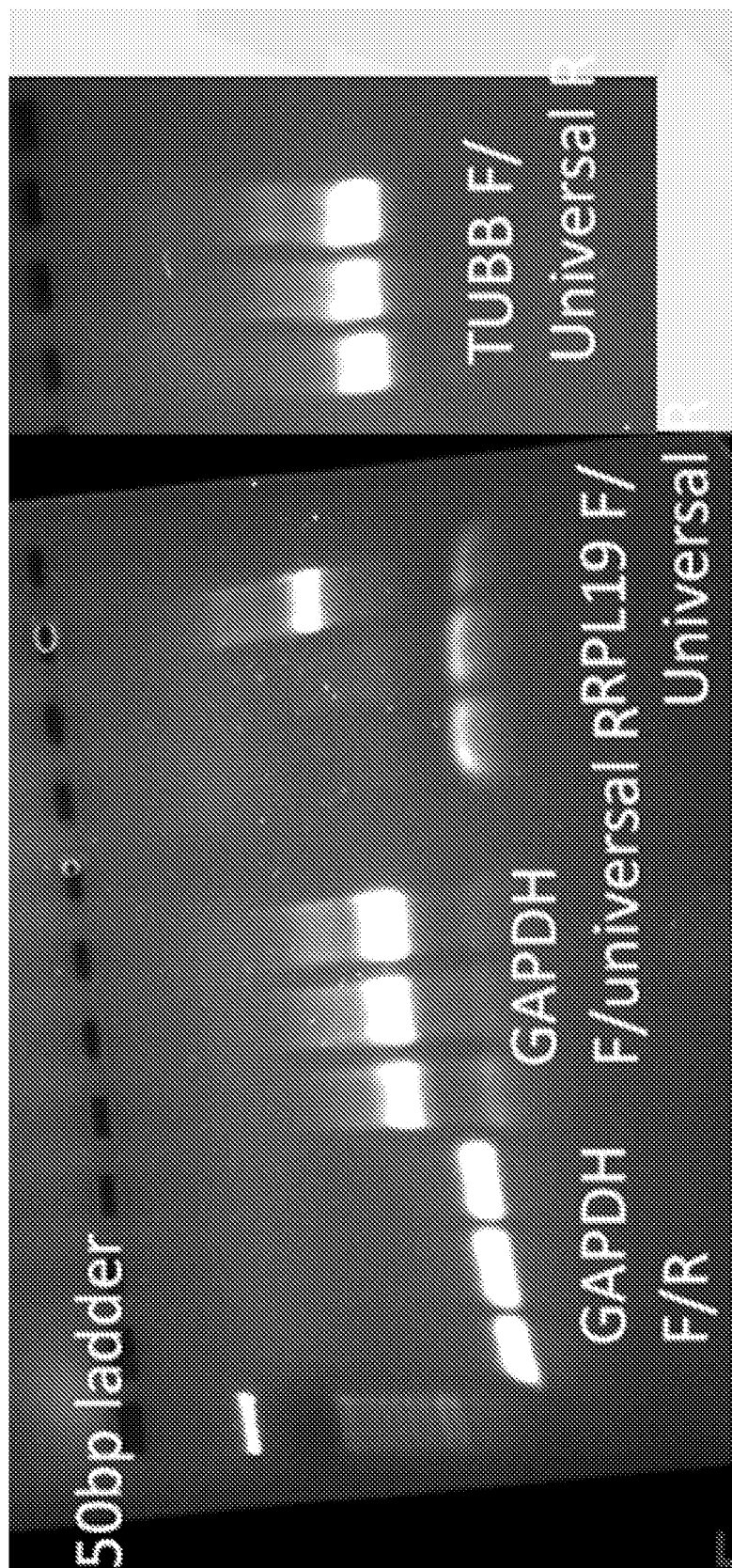


FIG. 10

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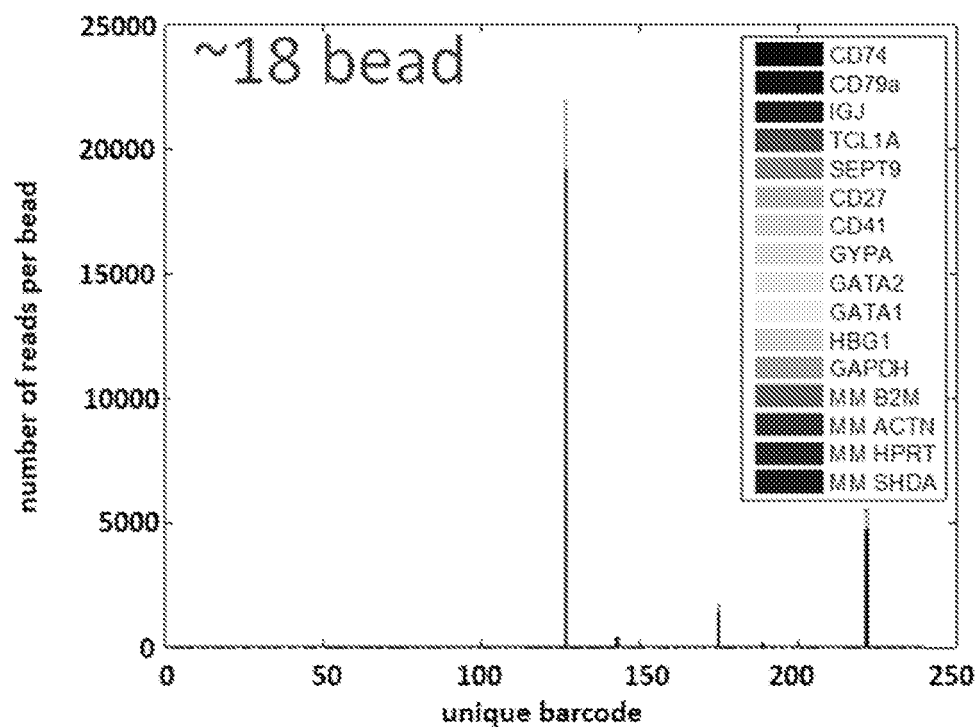


FIG. 11A

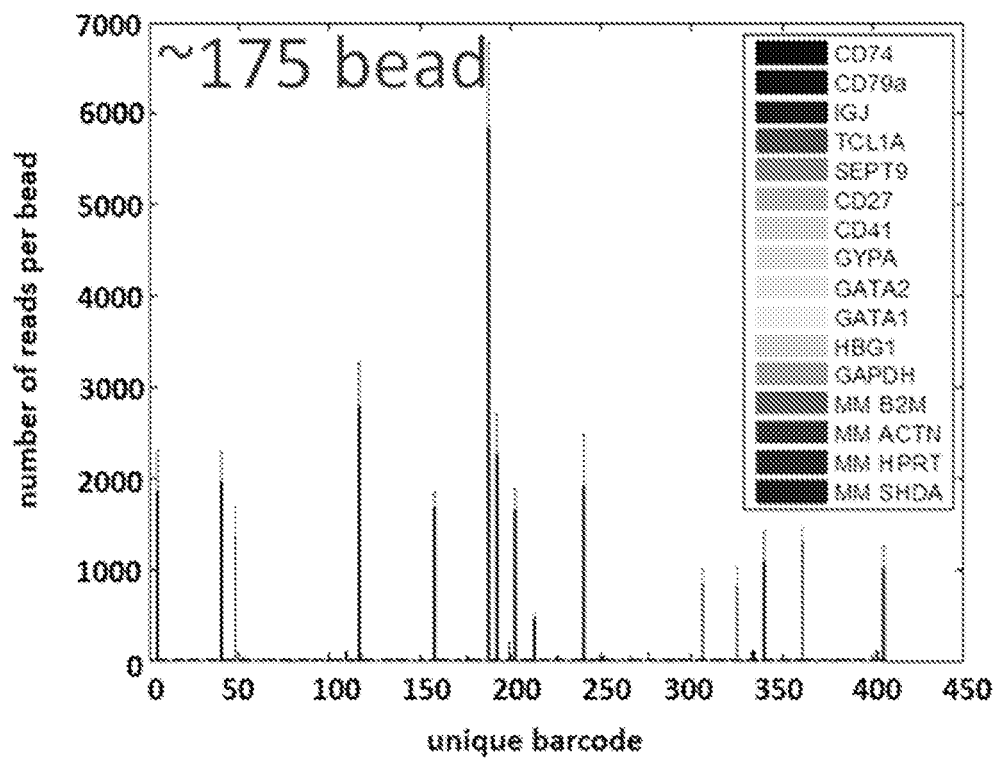


FIG. 11B

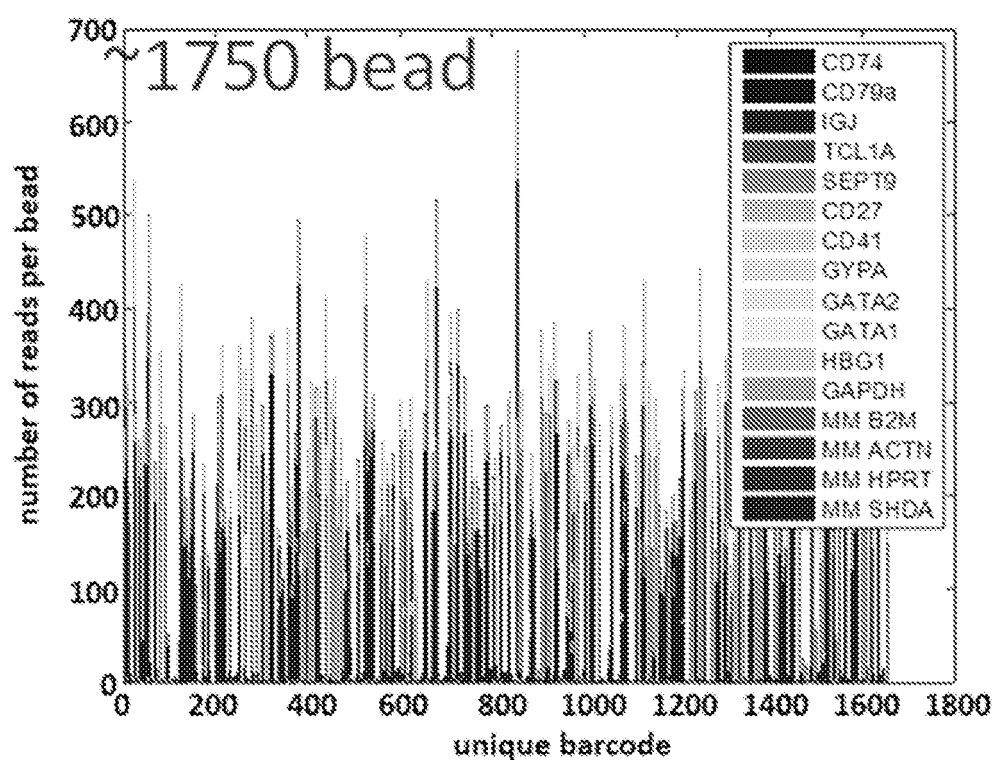


FIG. 11C

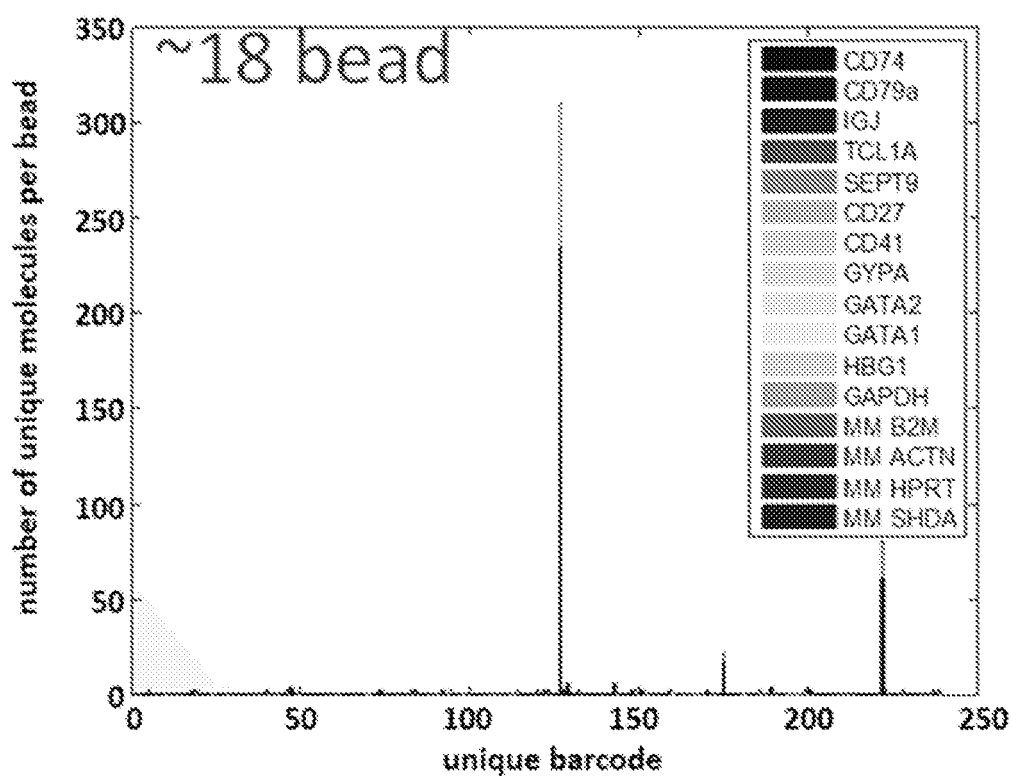


FIG. 11D

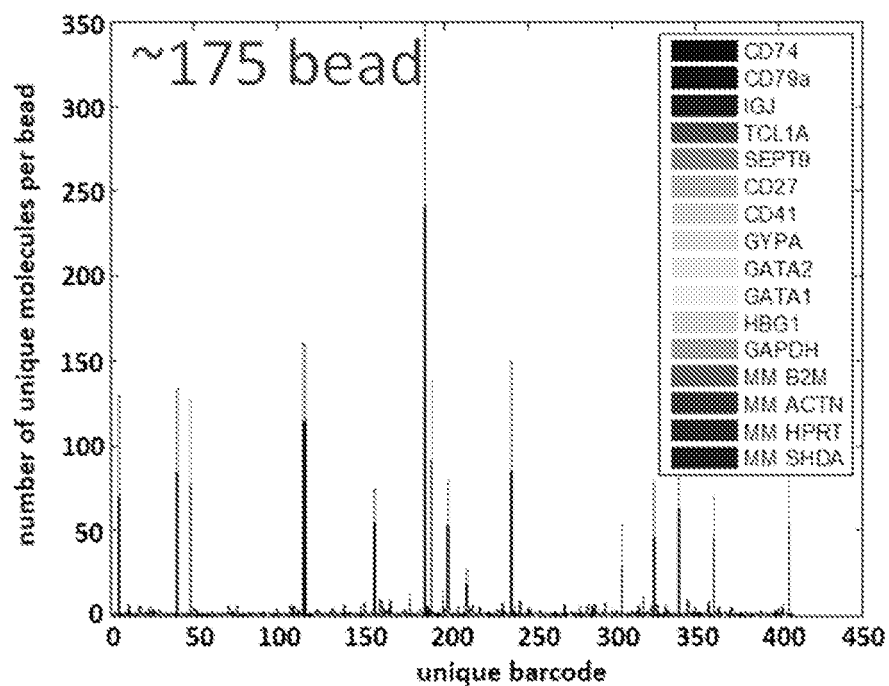


FIG. 11E

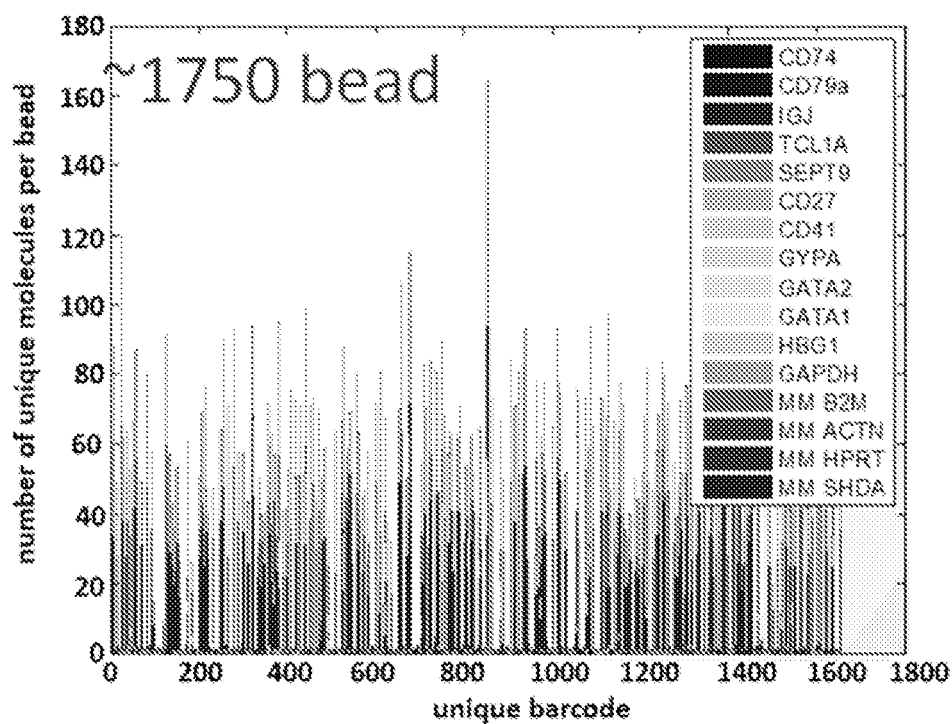


FIG. 11F

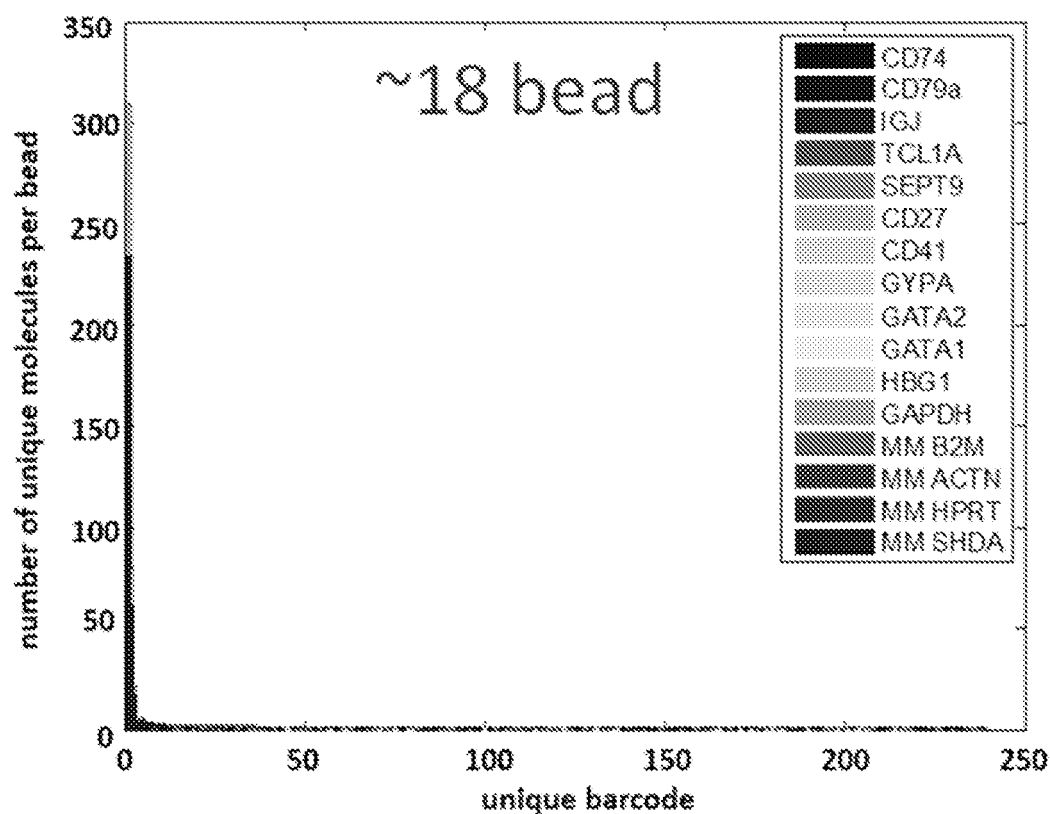


FIG. 11G

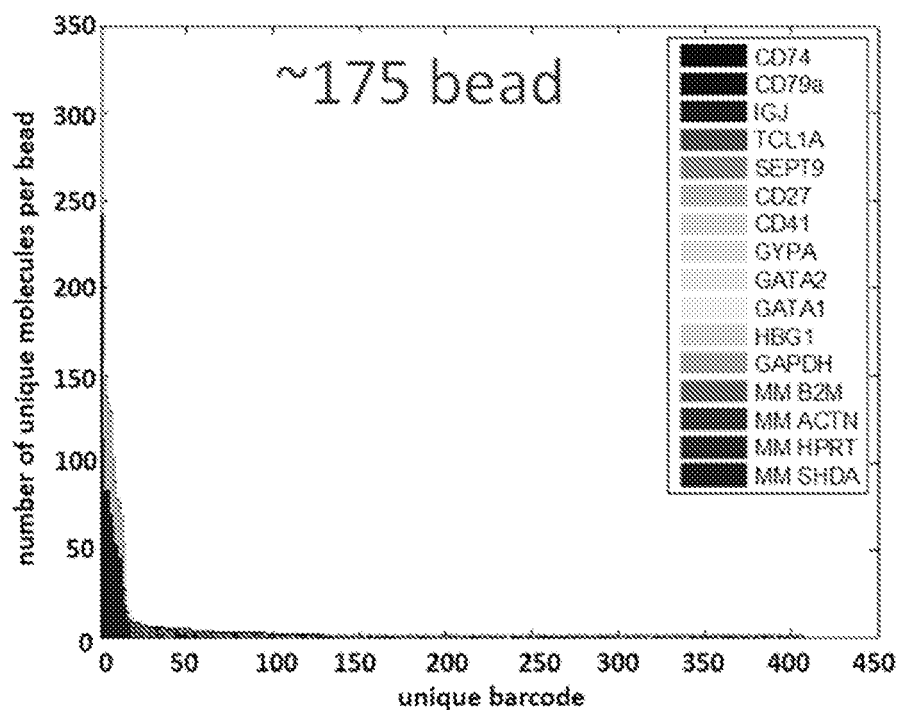


FIG. 11H

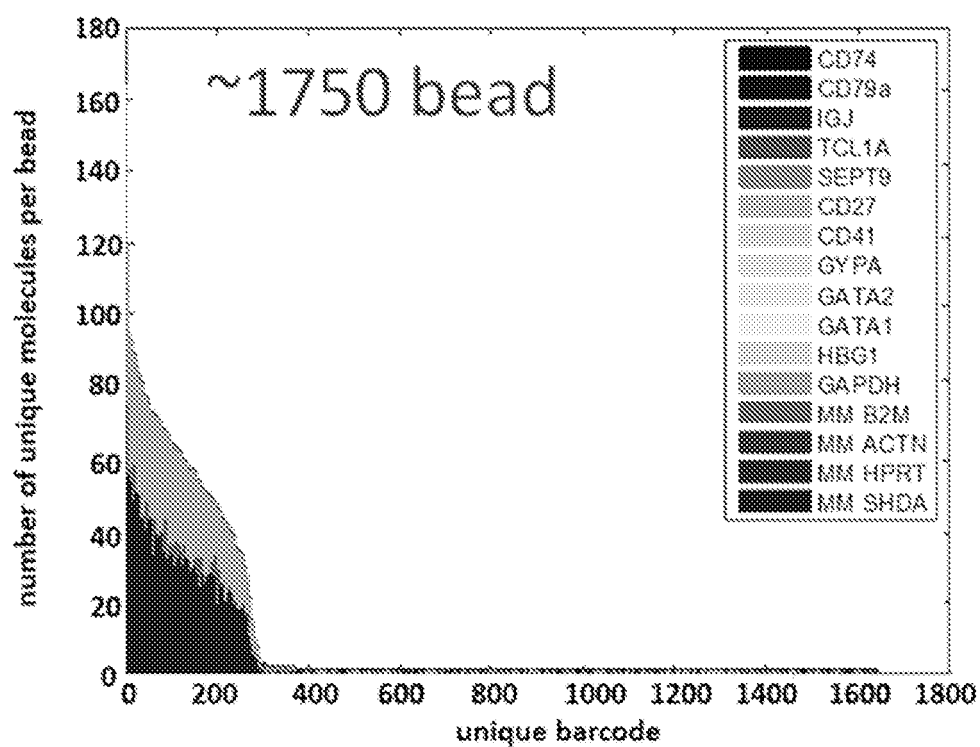


FIG. 11I

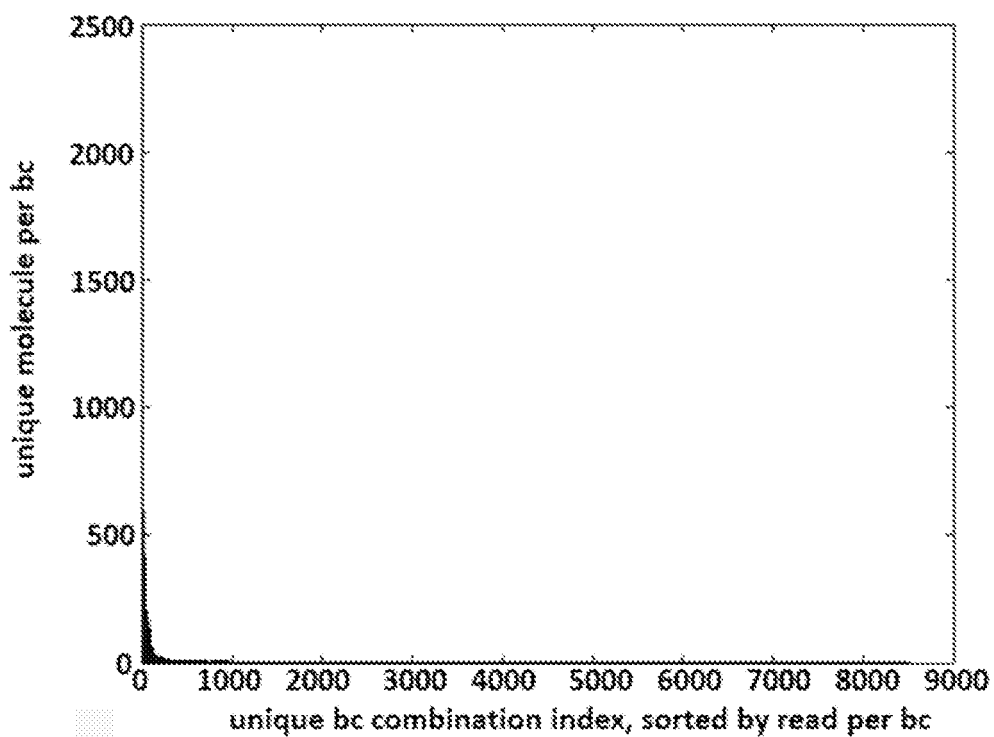


FIG. 12A

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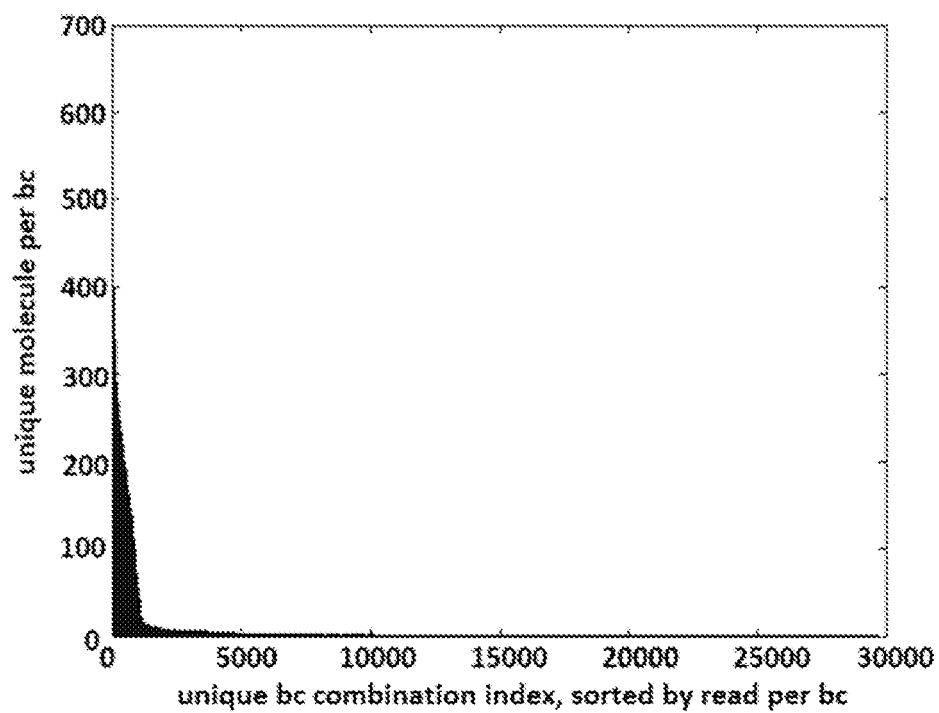


FIG. 12B

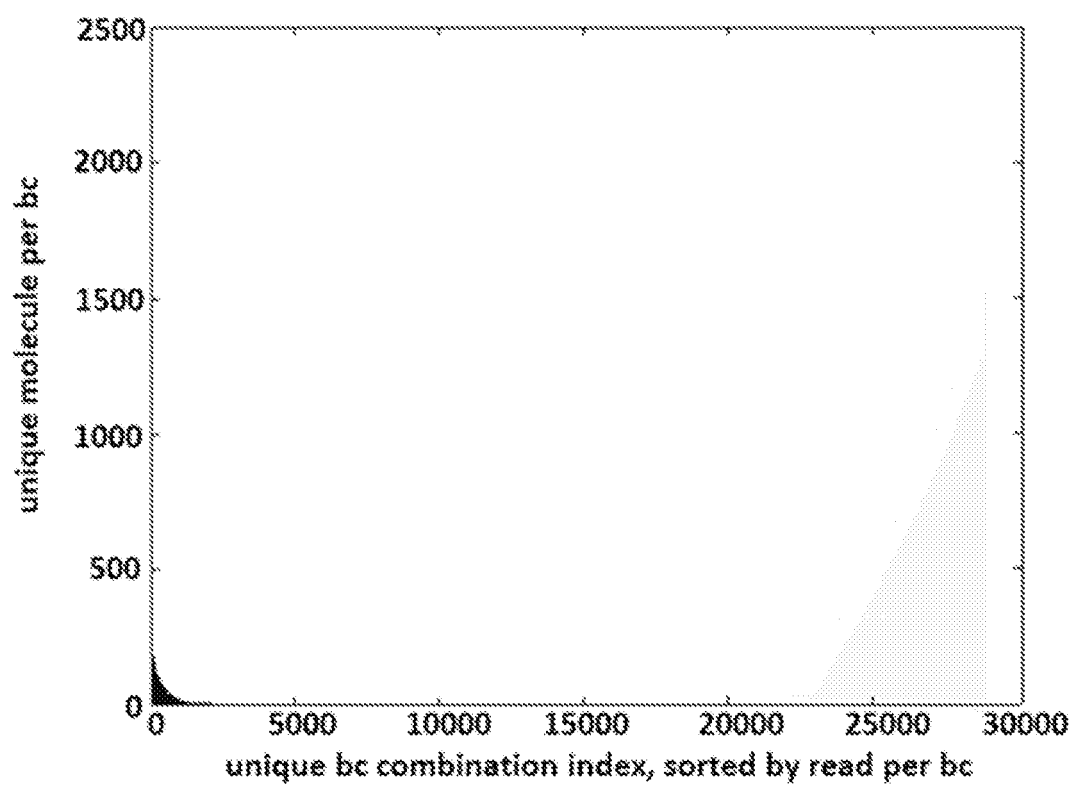


FIG. 12C

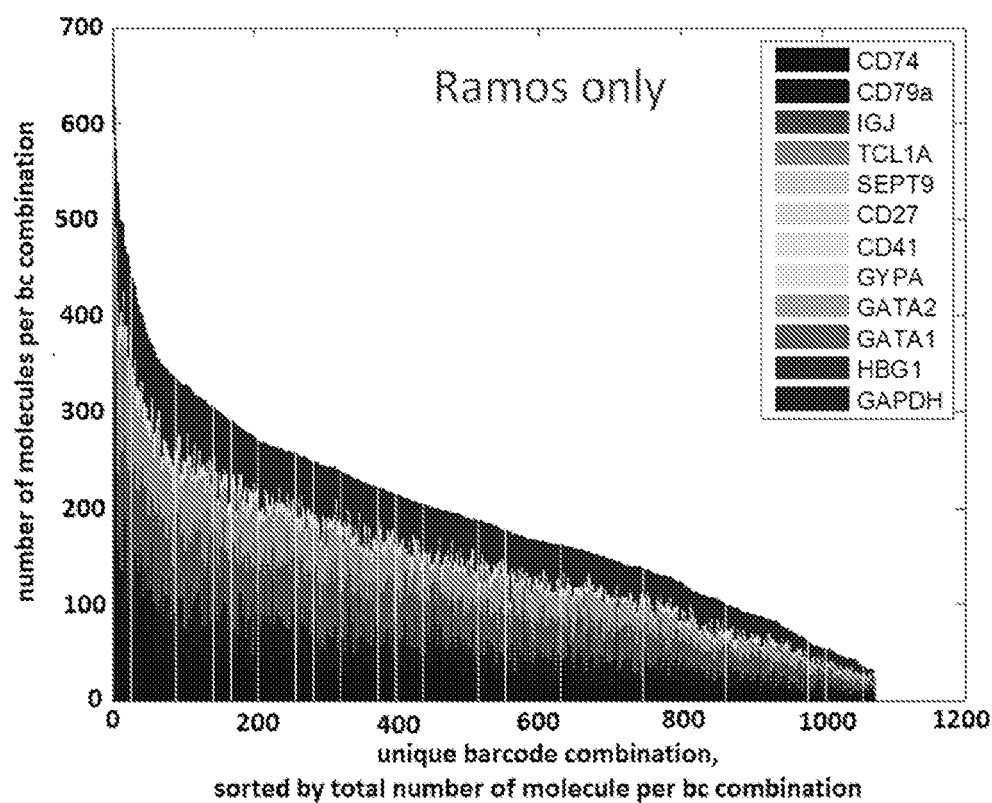


FIG. 12D

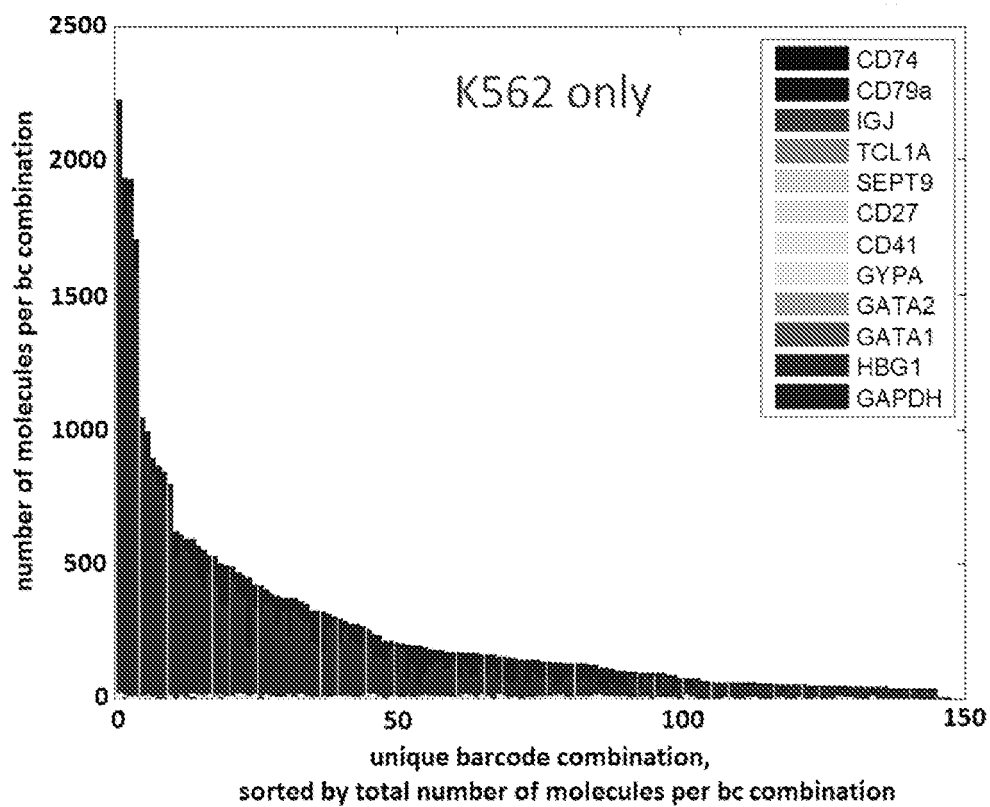


FIG. 12E

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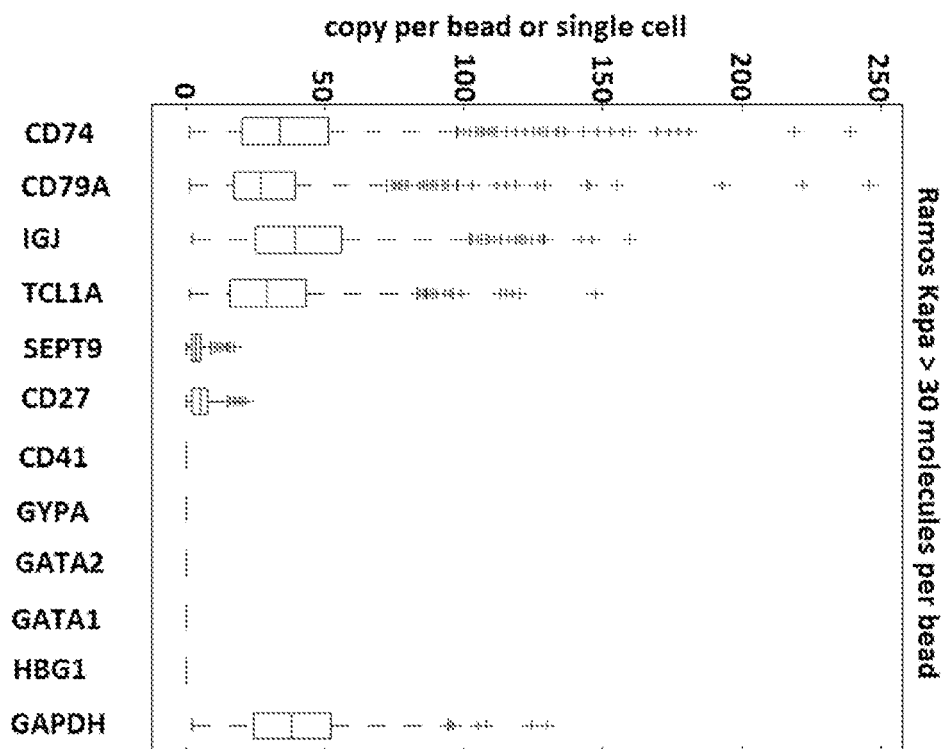


FIG. 12F

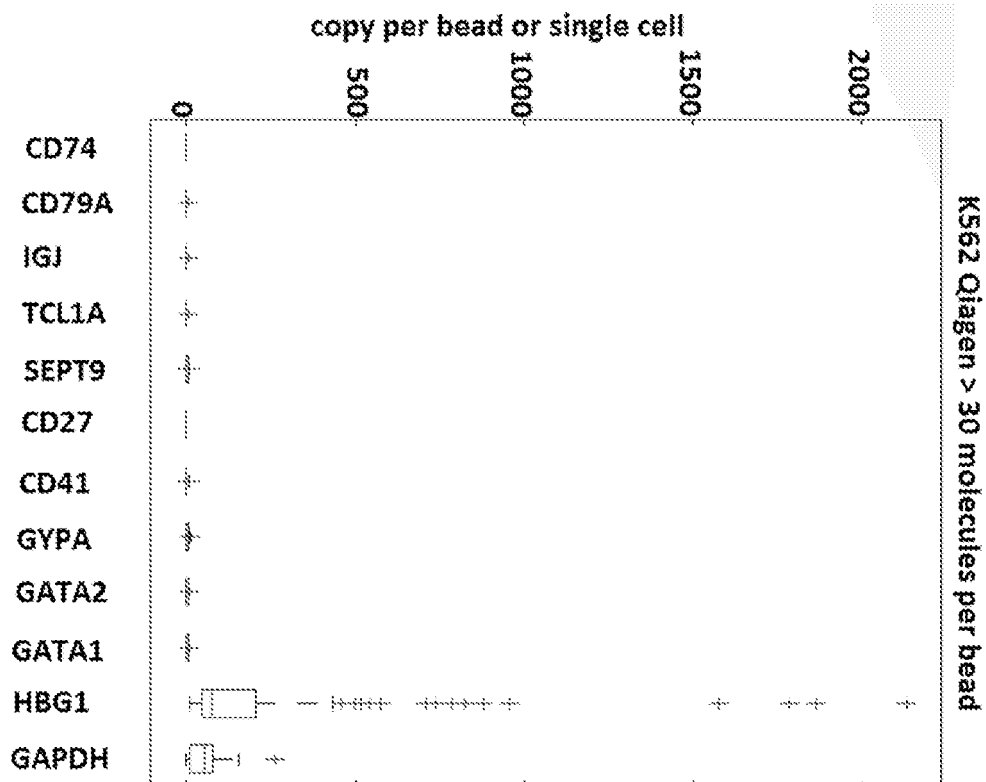


FIG. 12G

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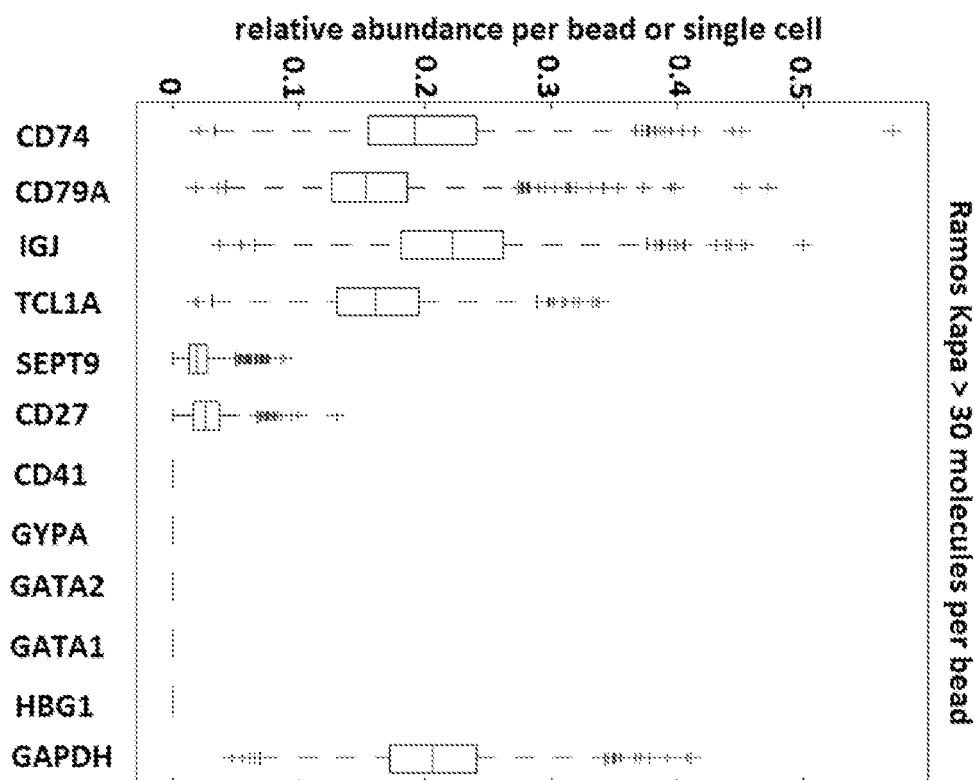


FIG. 12H

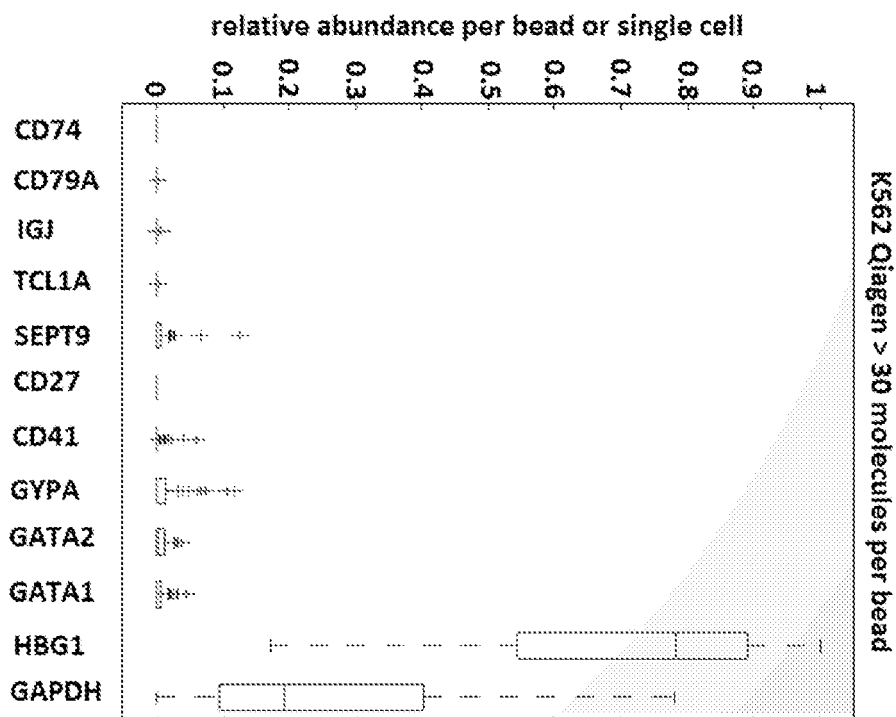


FIG. 12I

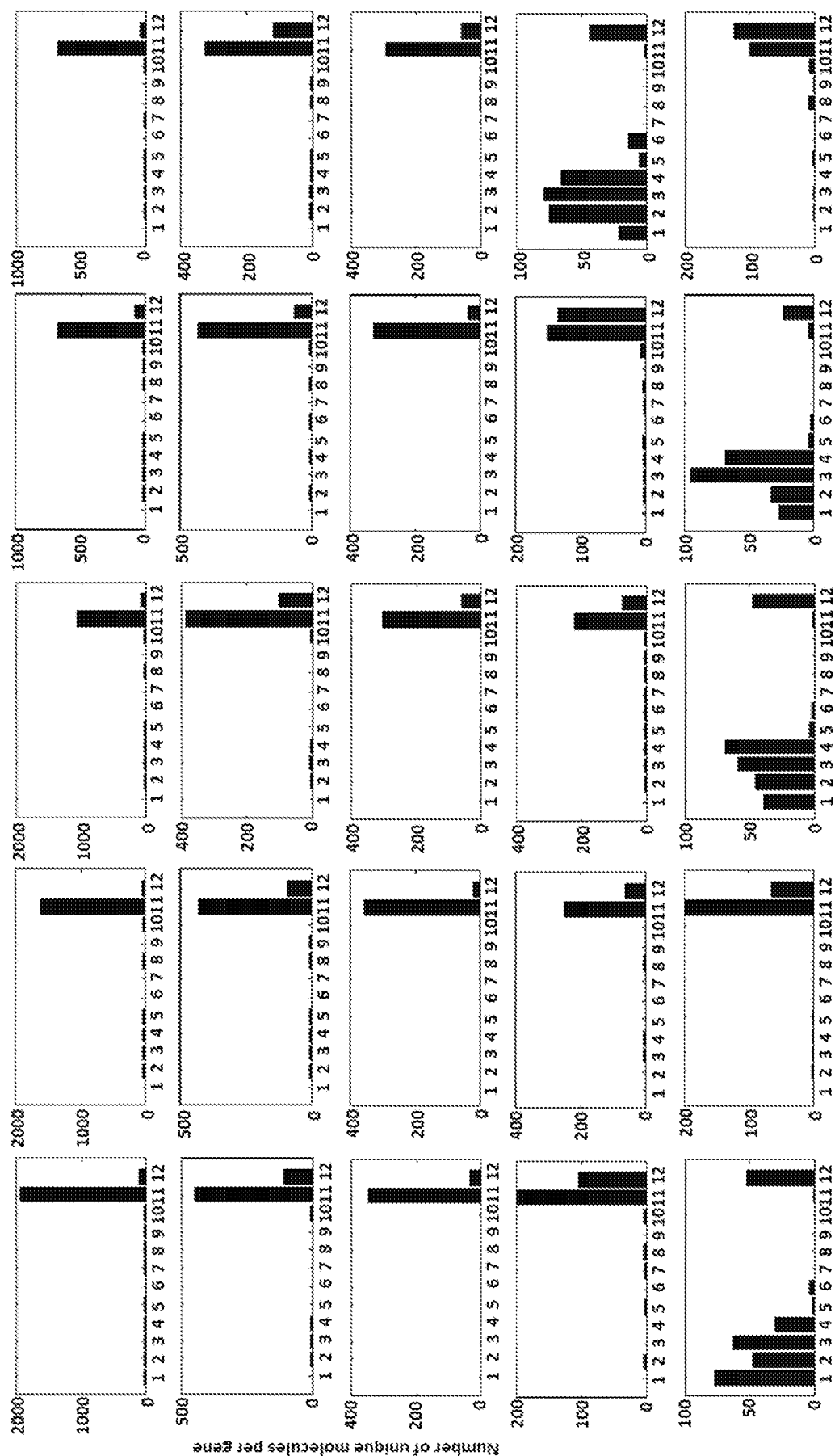


FIG. 12J

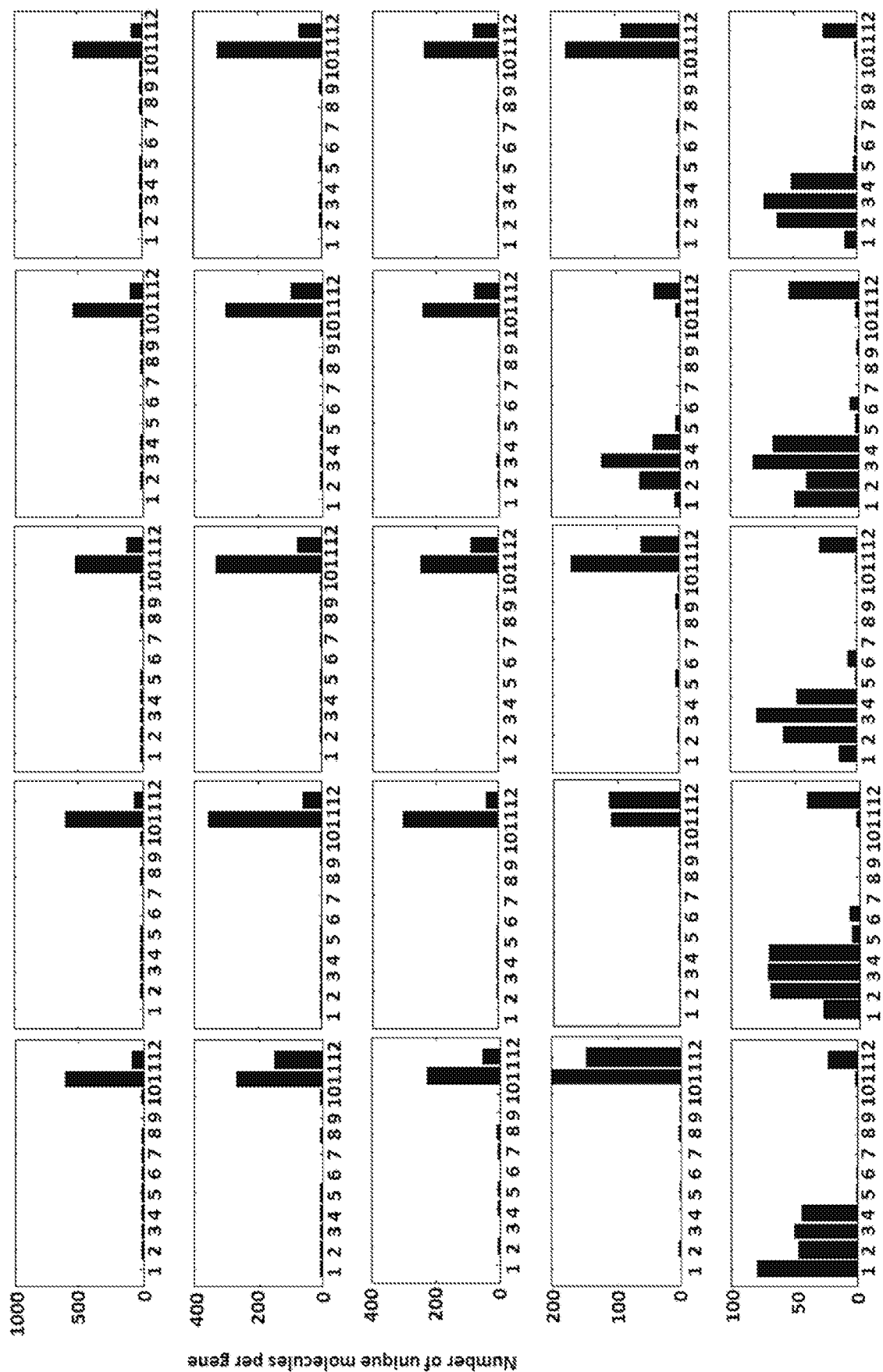


FIG. 12K

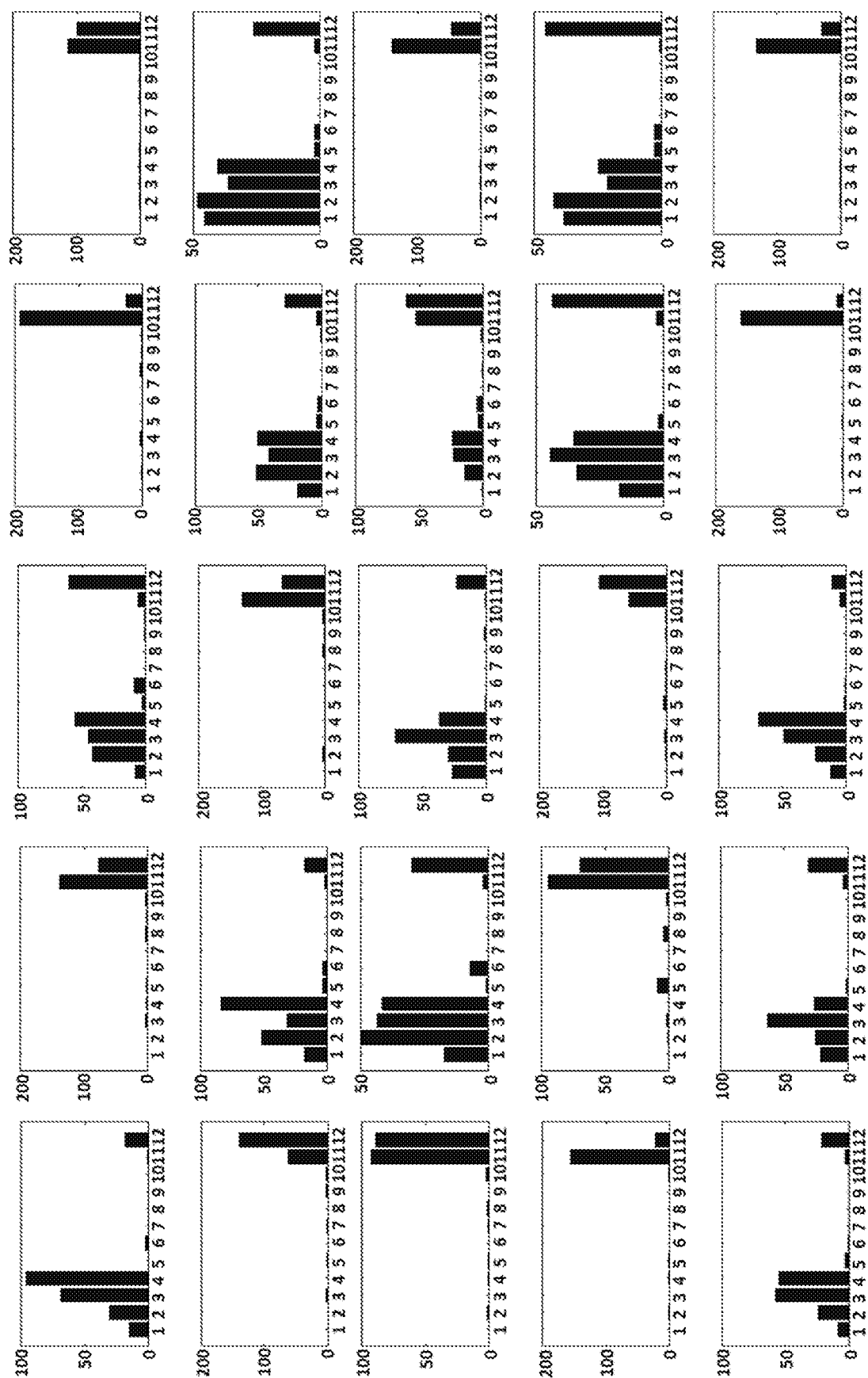


FIG. 12L

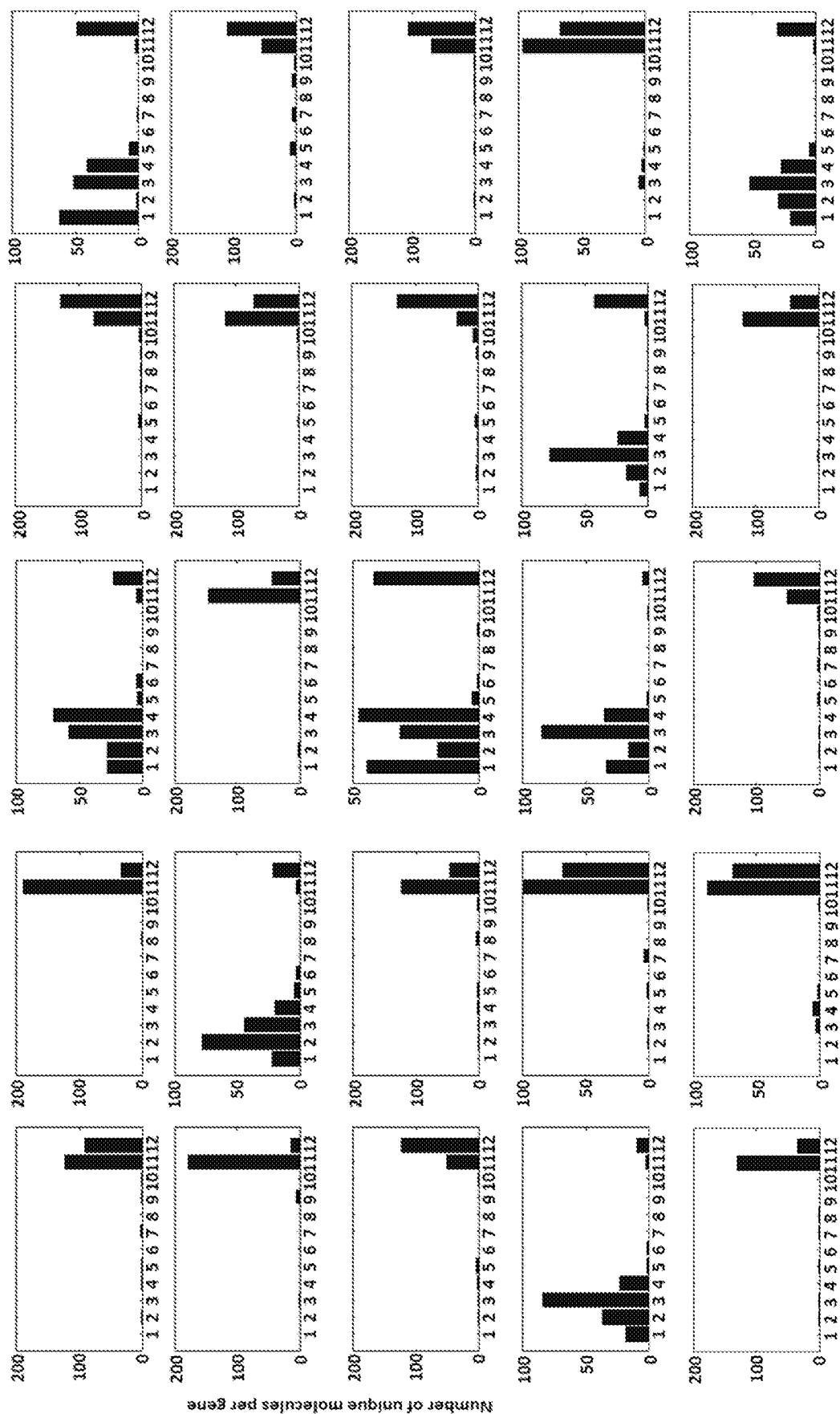


FIG. 12M

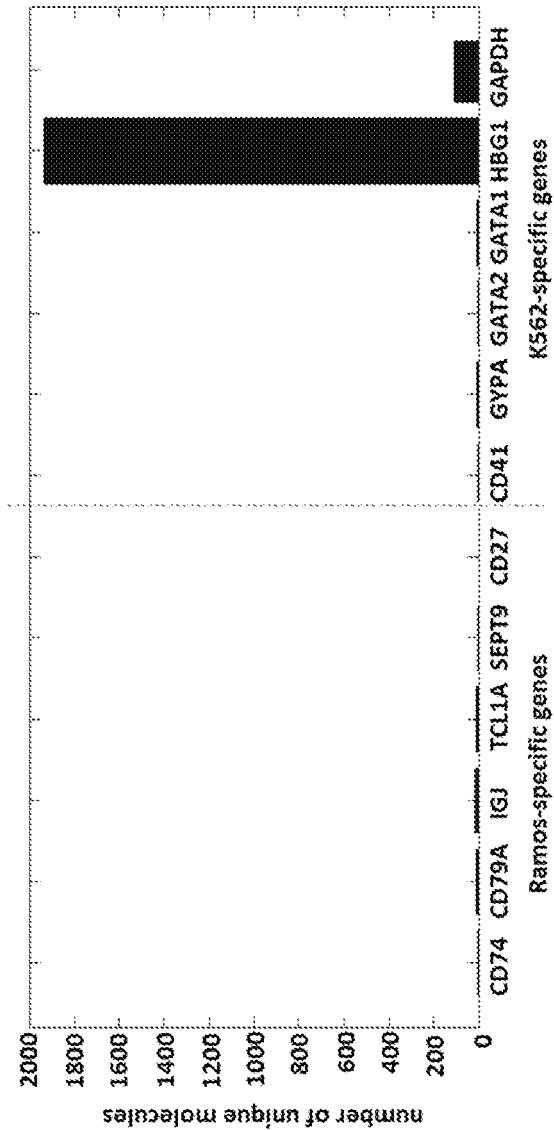


FIG. 12N

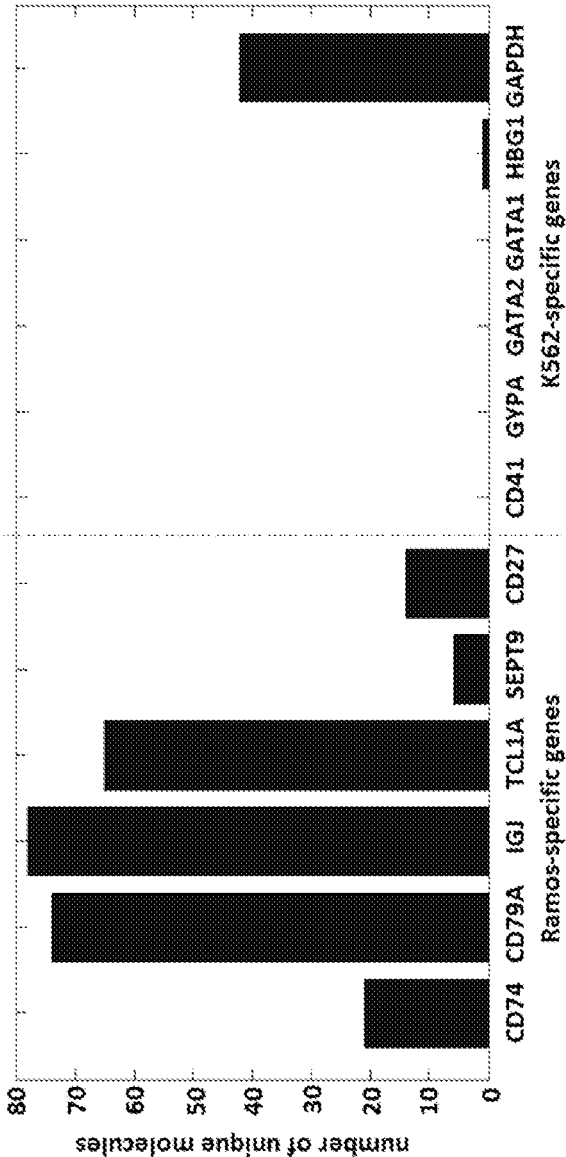


FIG. 12O

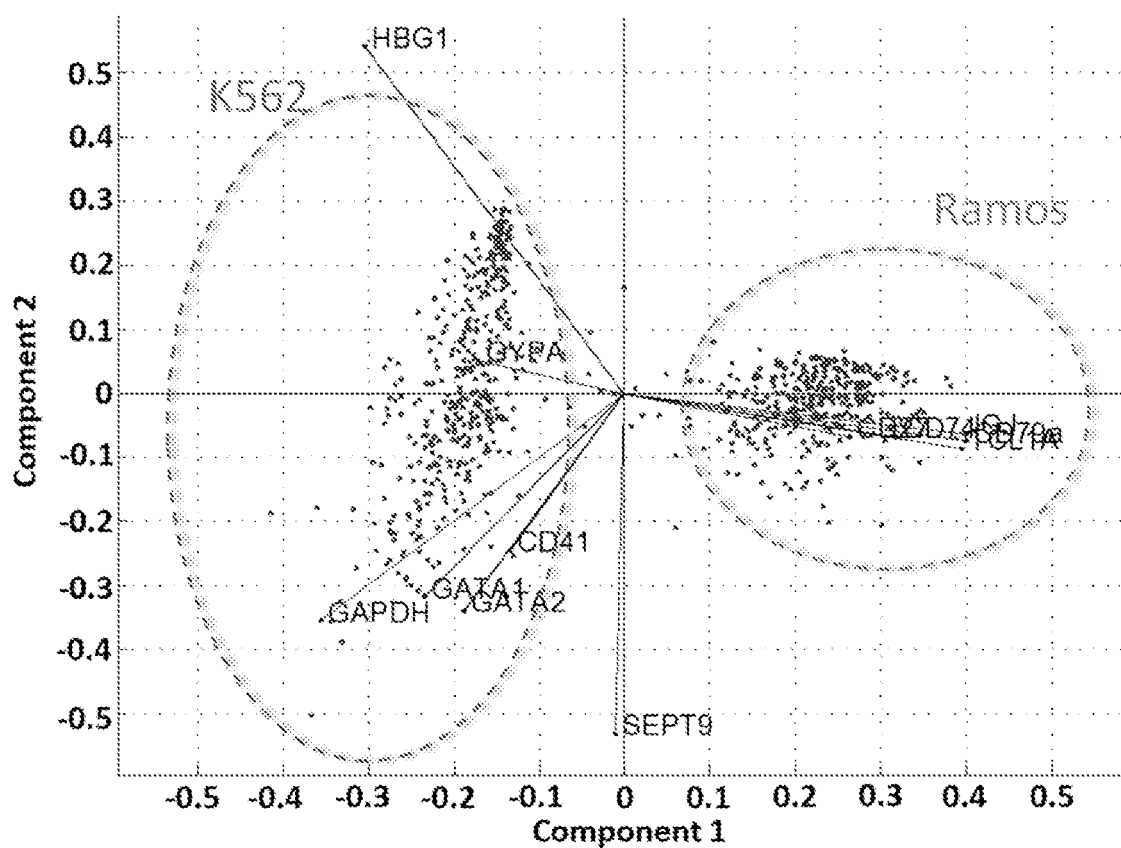


FIG. 12P

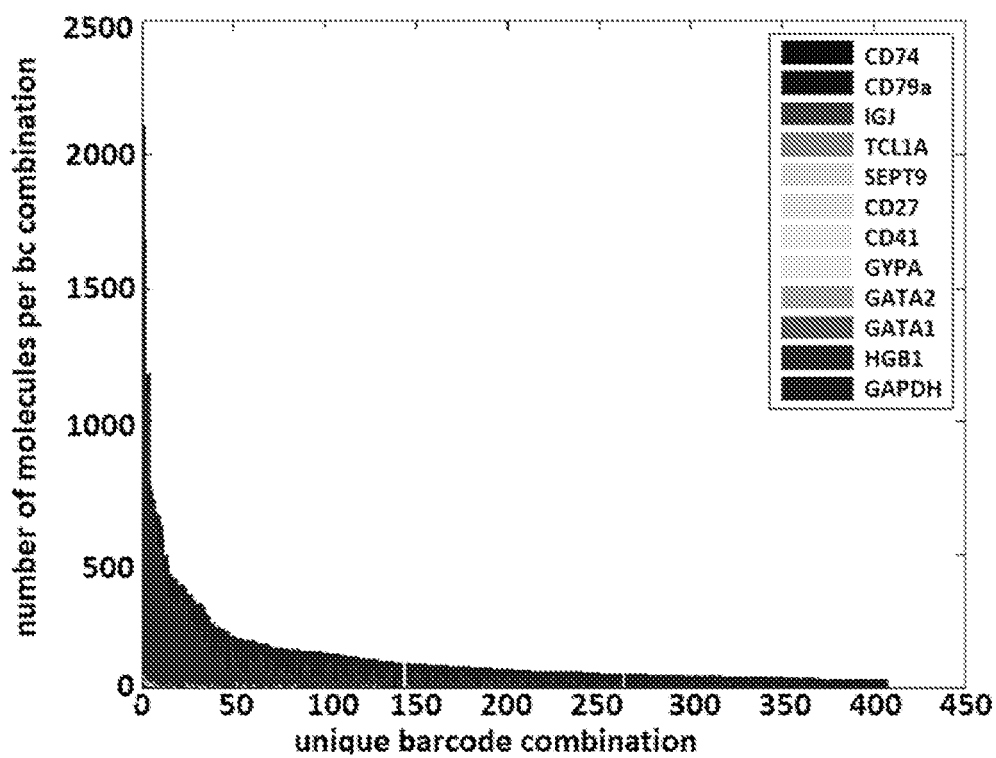


FIG. 12Q

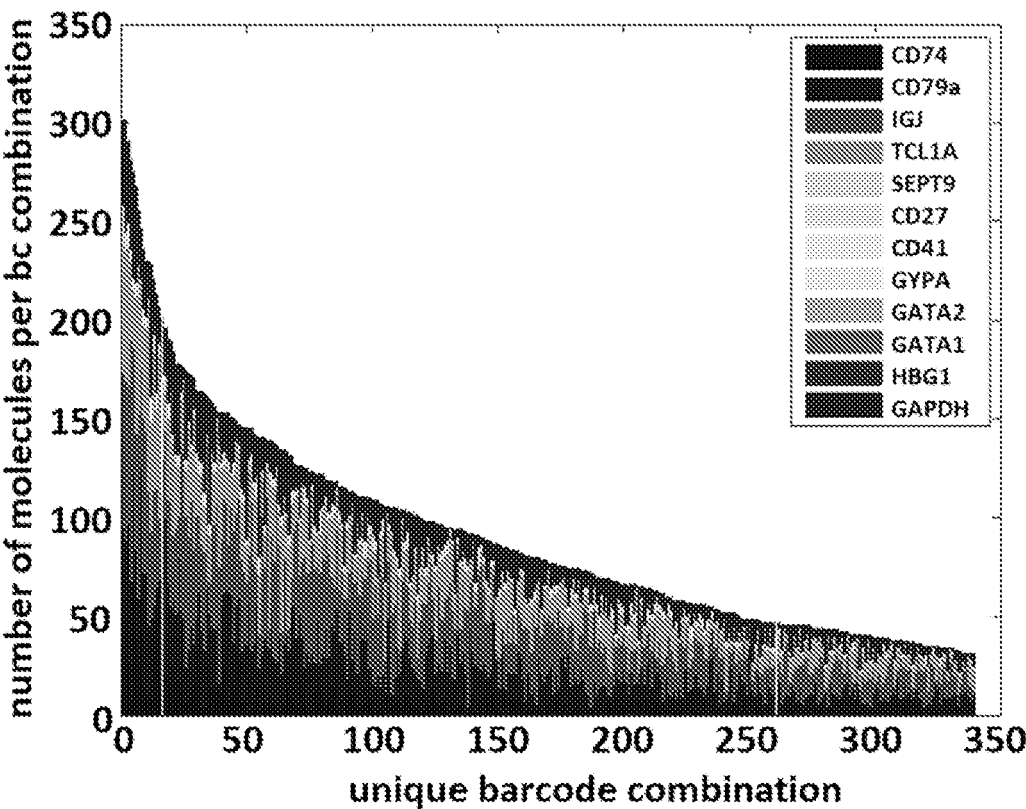


FIG. 12R

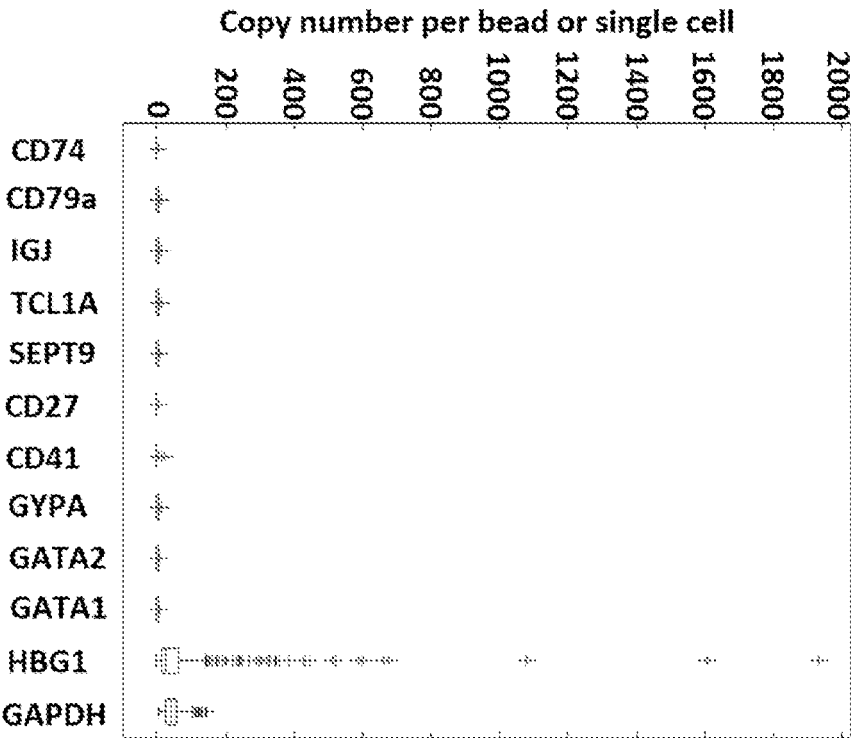


FIG. 12S

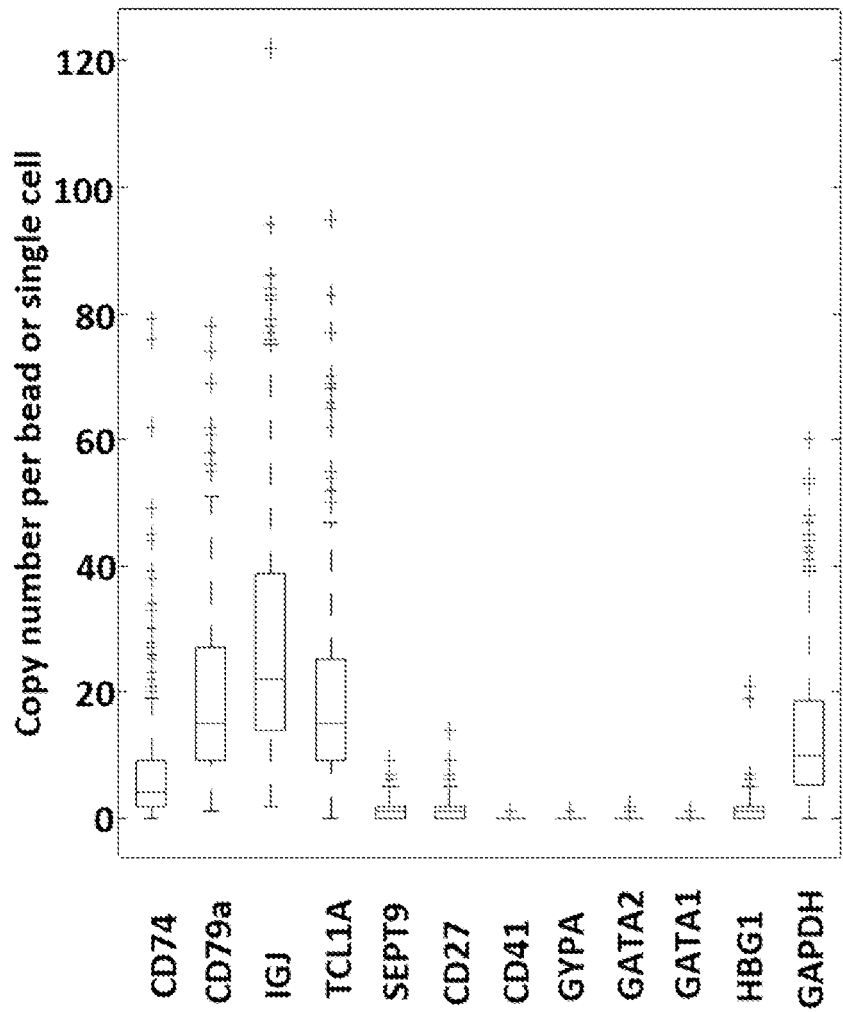


FIG. 12T

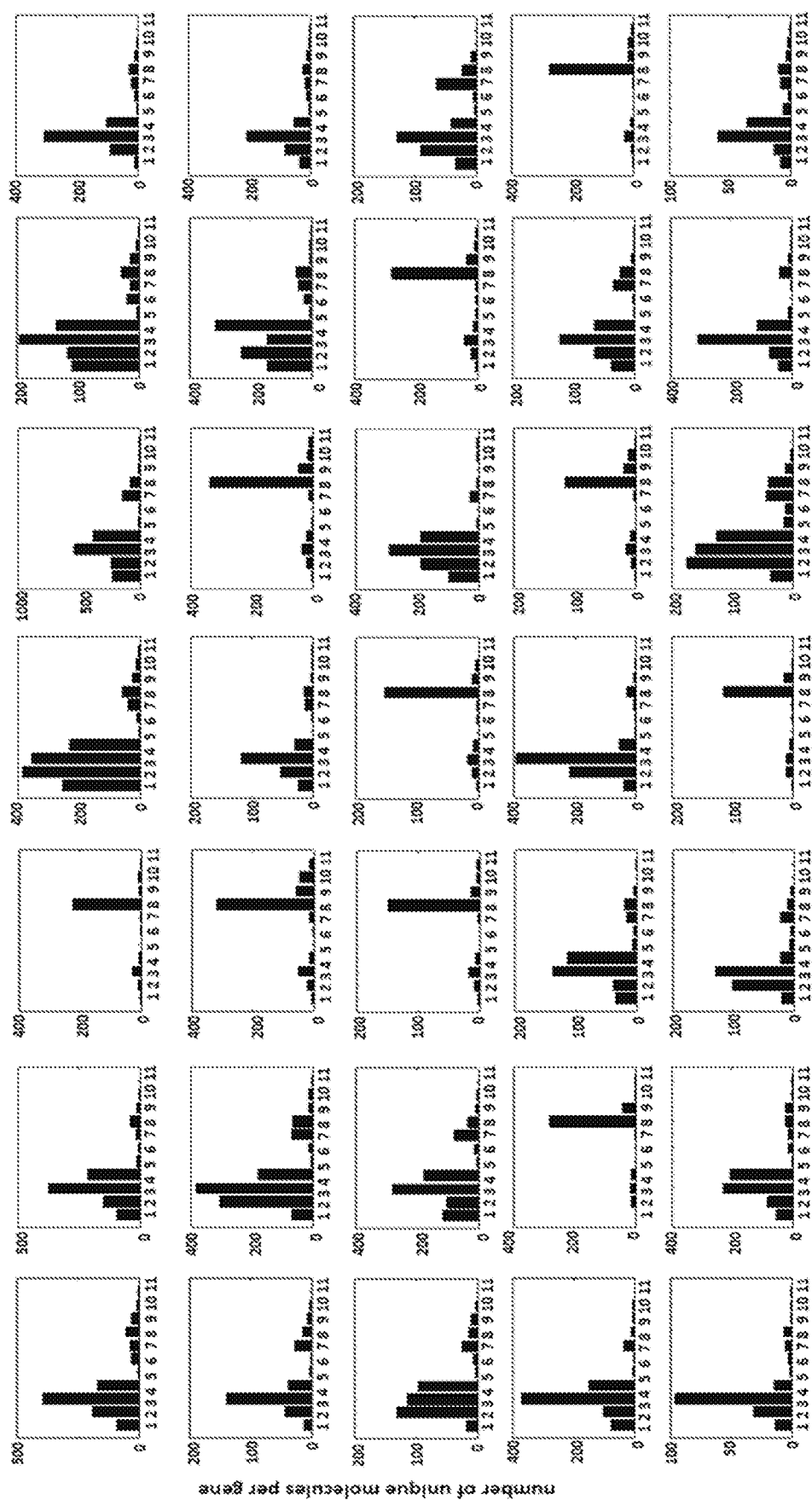


FIG. 13A

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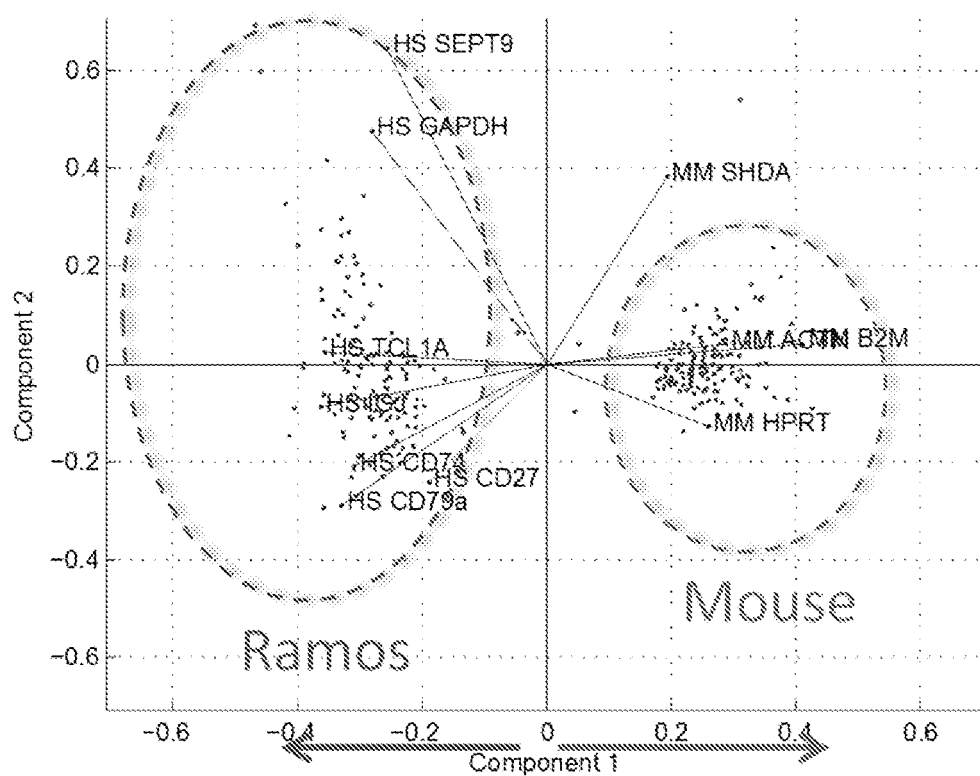


FIG. 13B

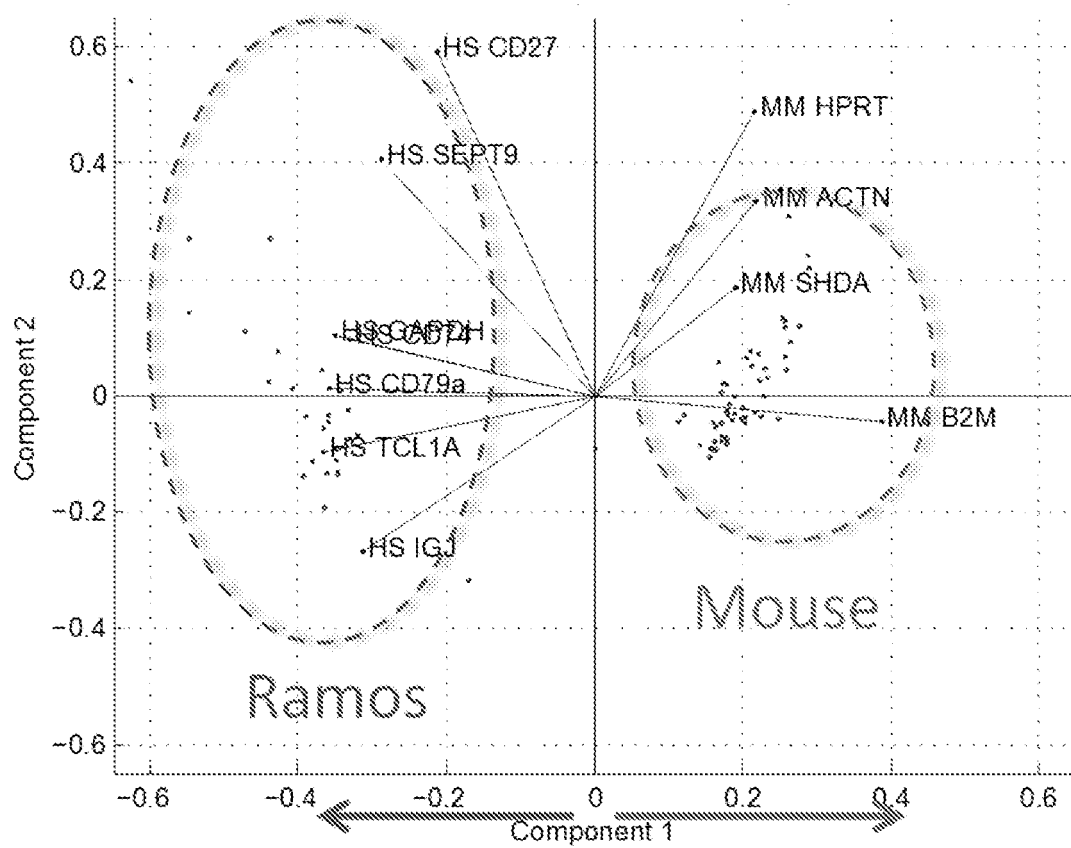


FIG. 13C

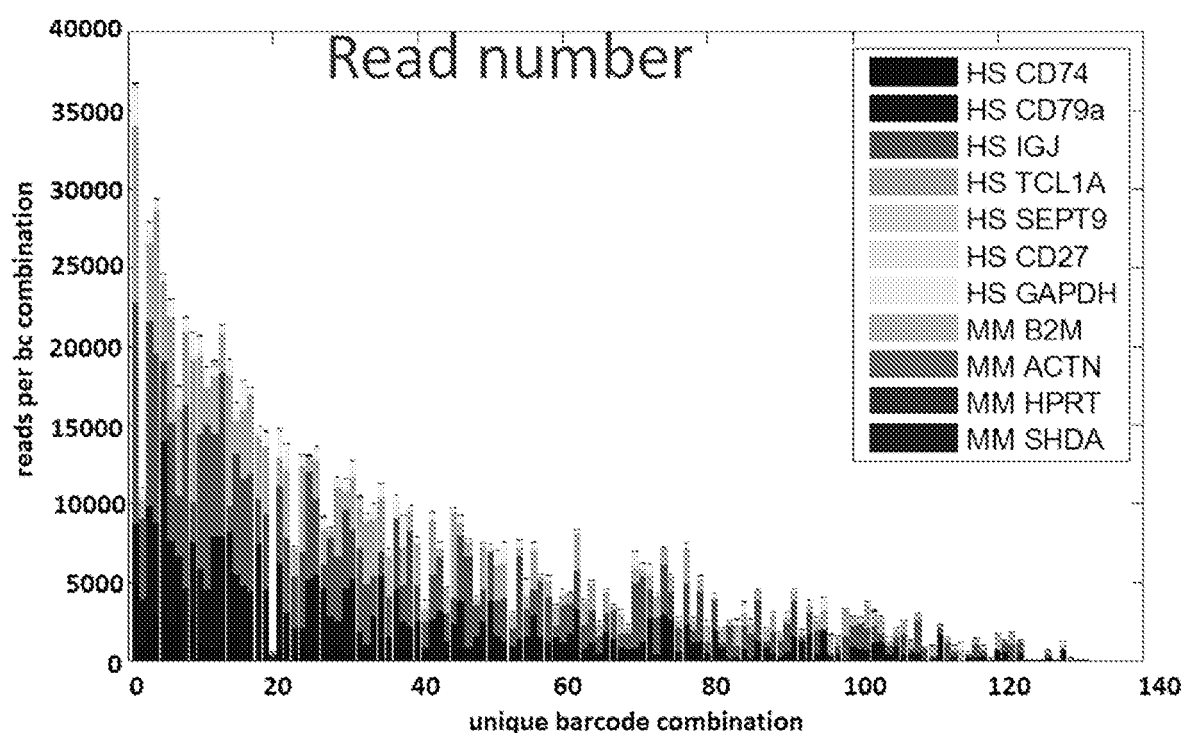


FIG. 13D

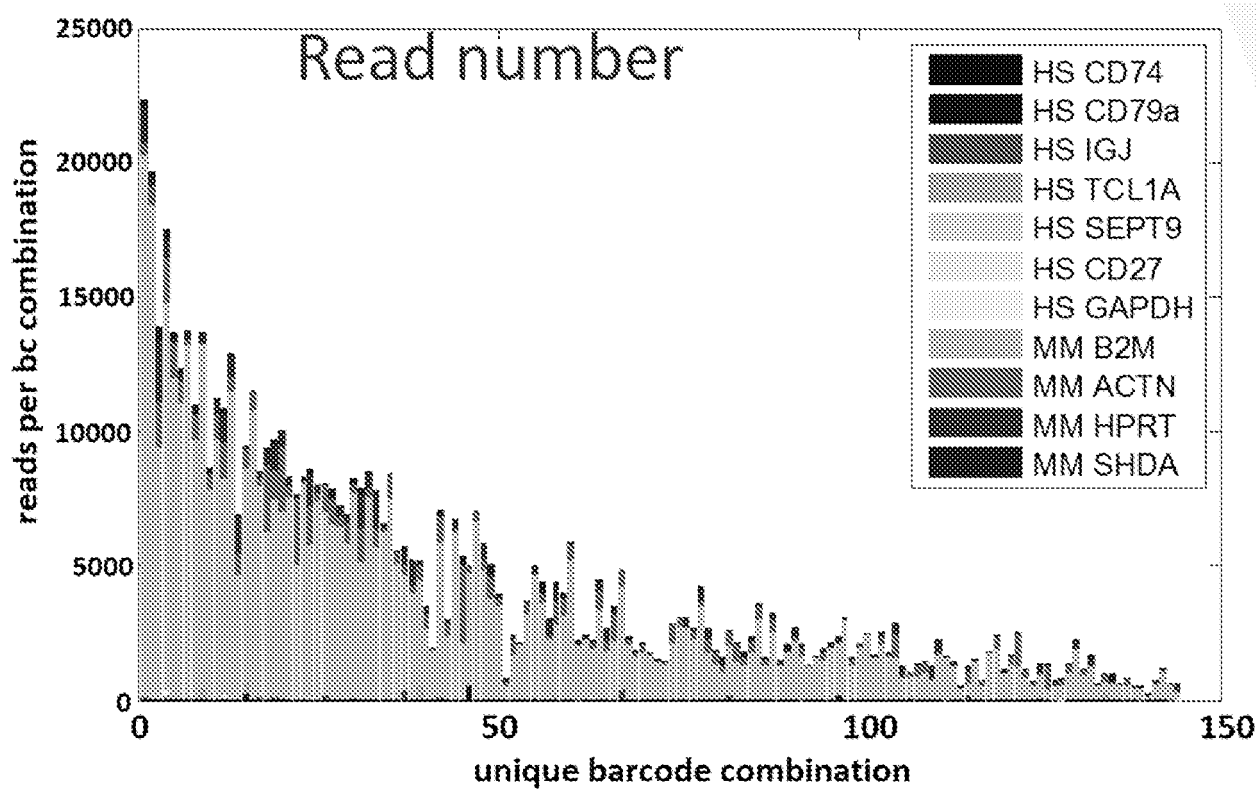


FIG. 13E

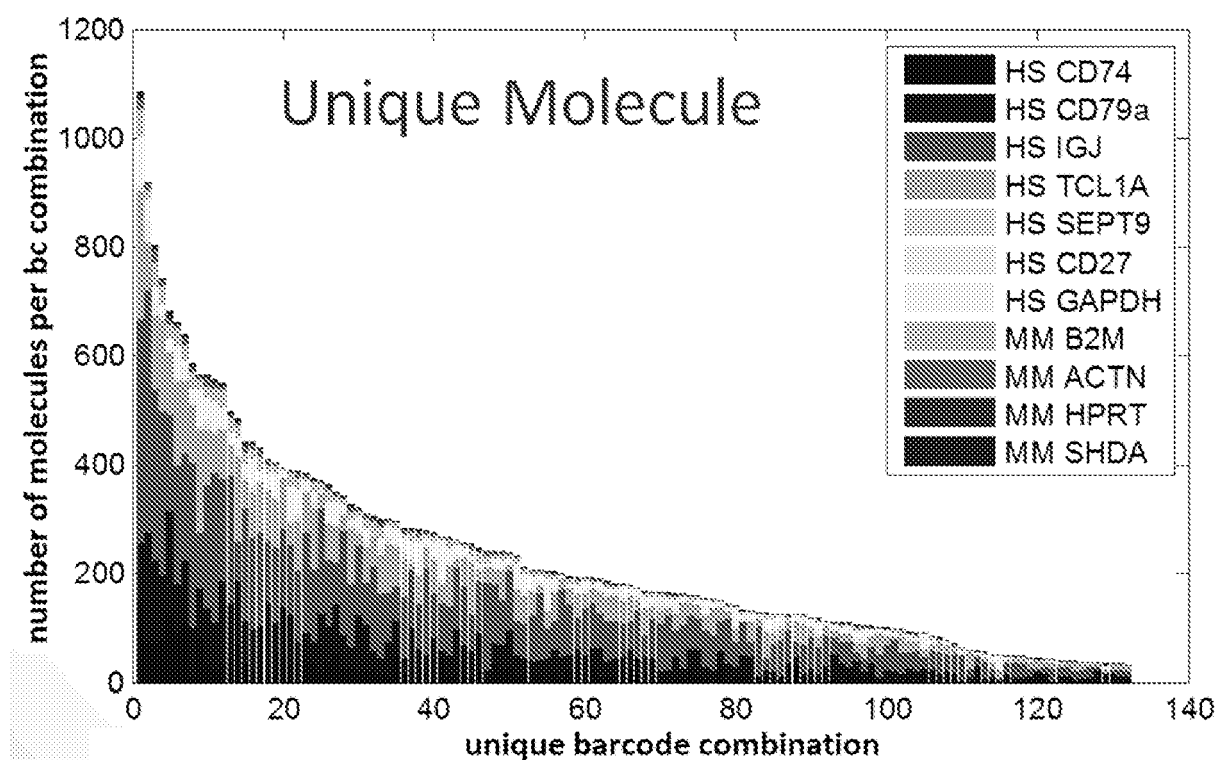


FIG. 13F

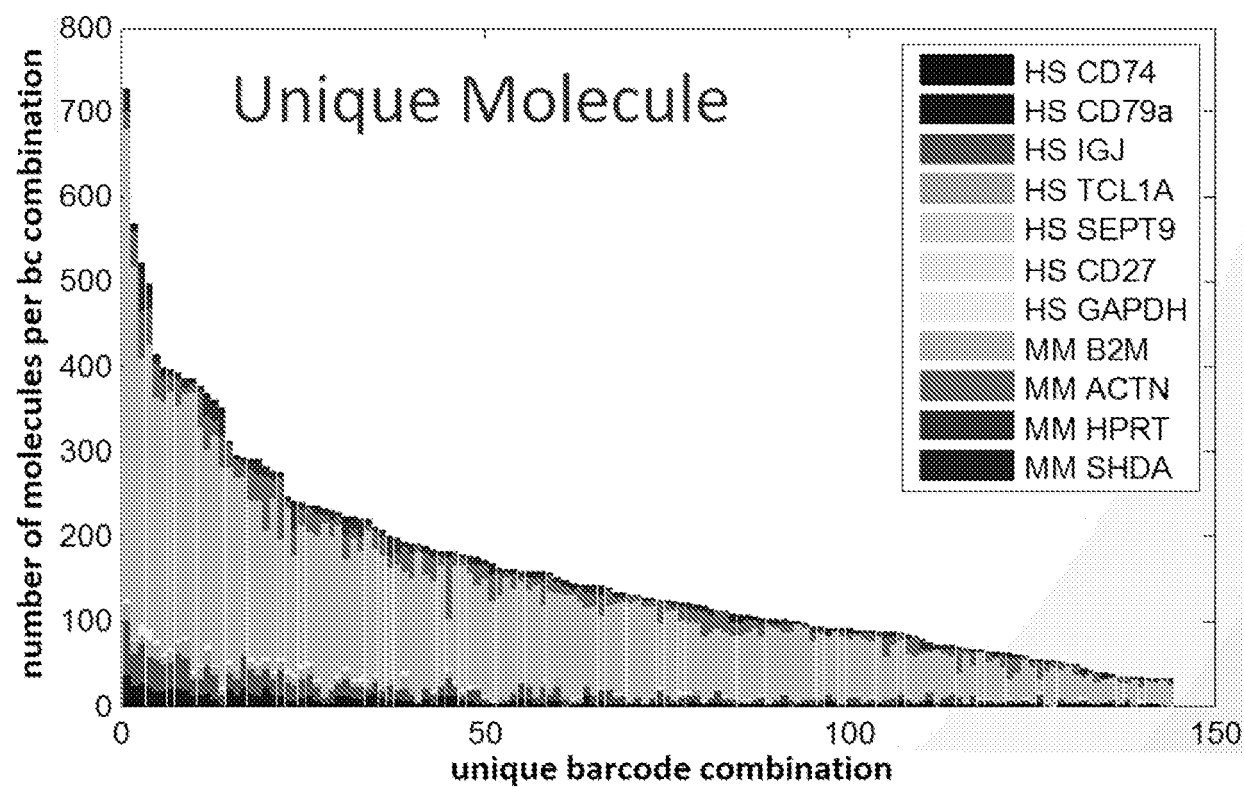


FIG. 13G

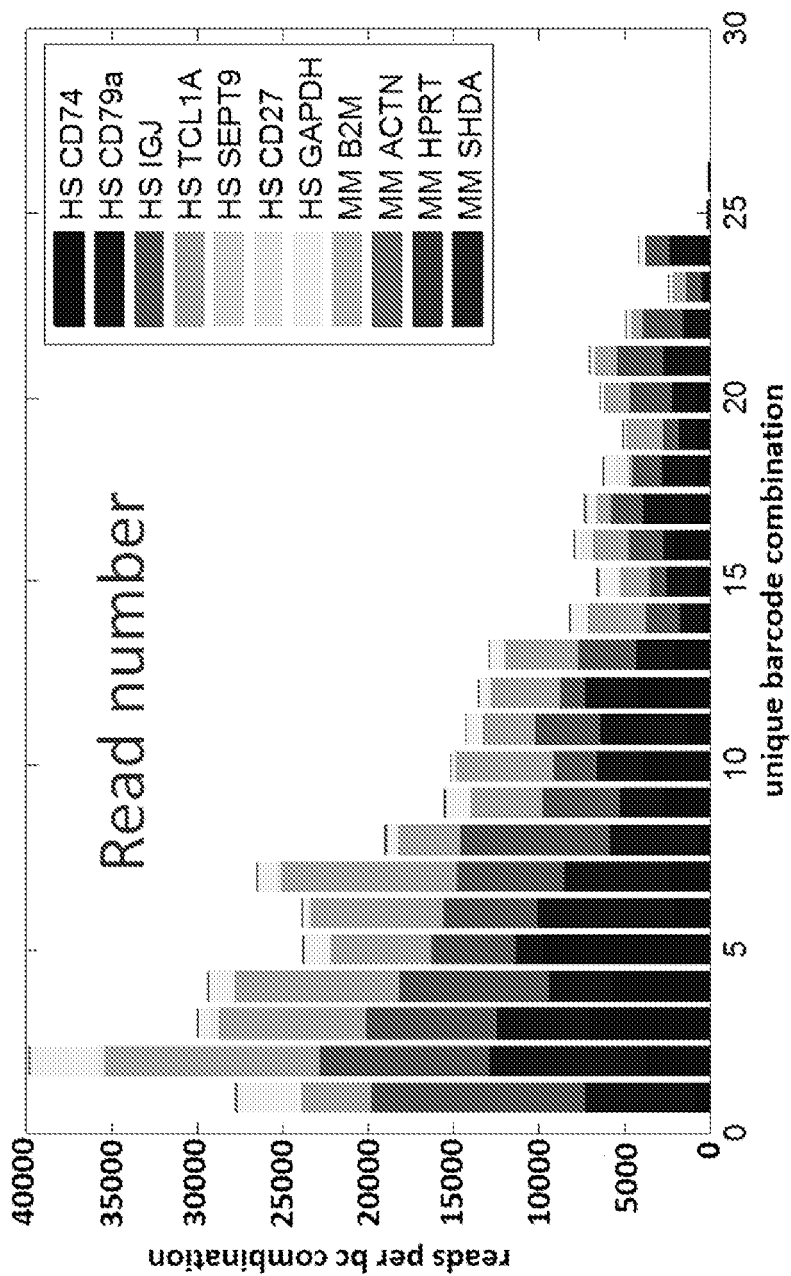


FIG. 13H

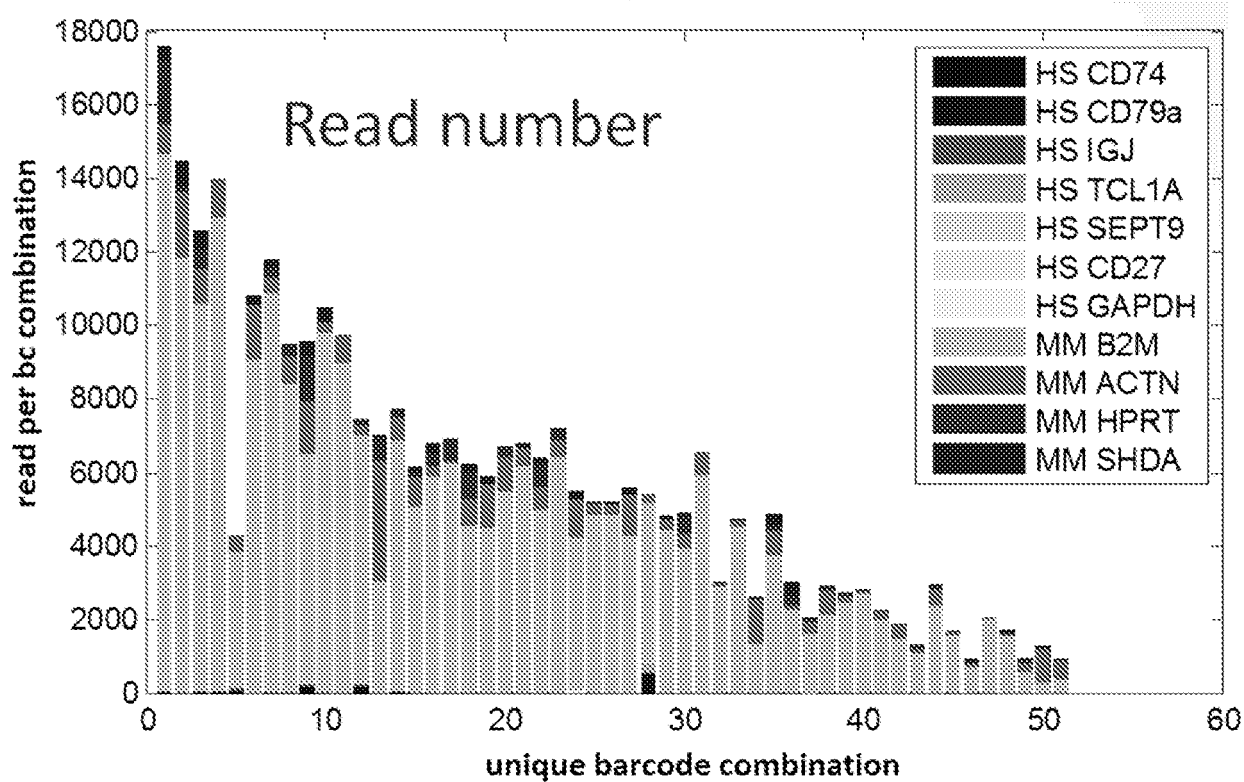


FIG. 13I

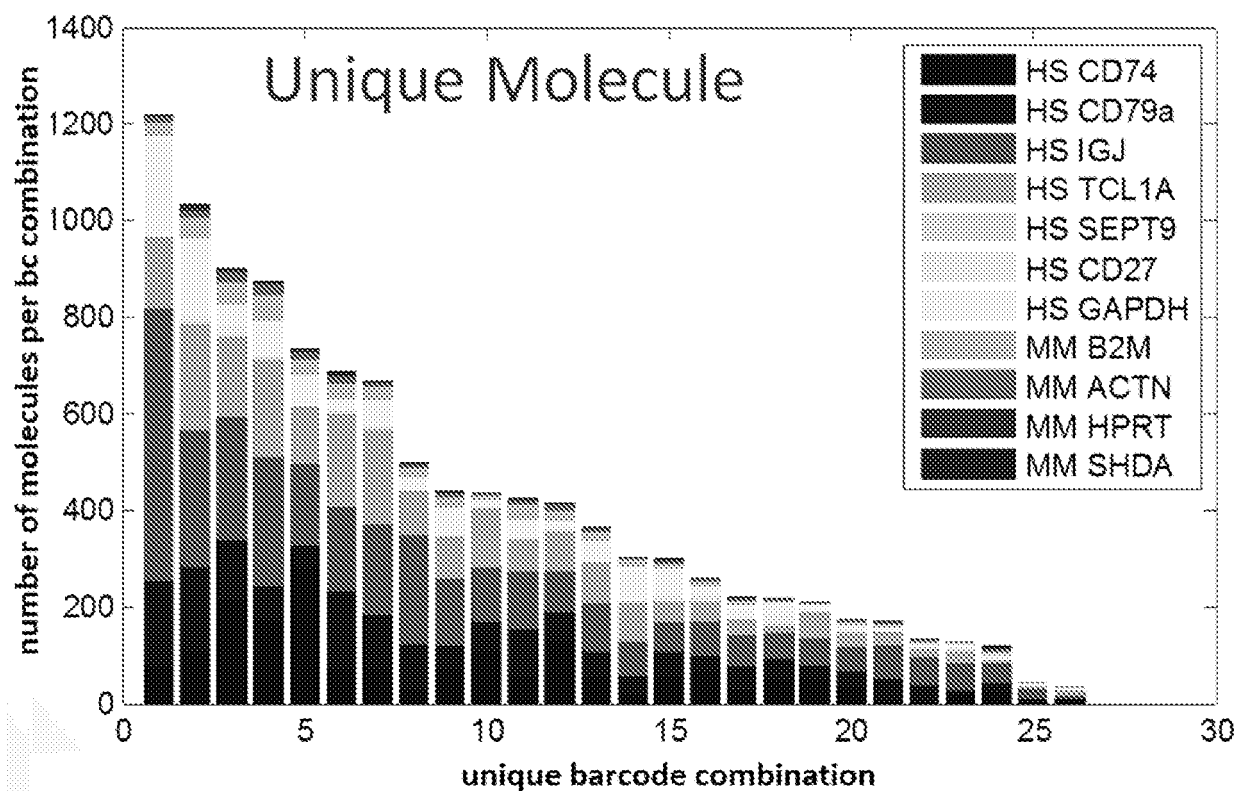


FIG. 13J

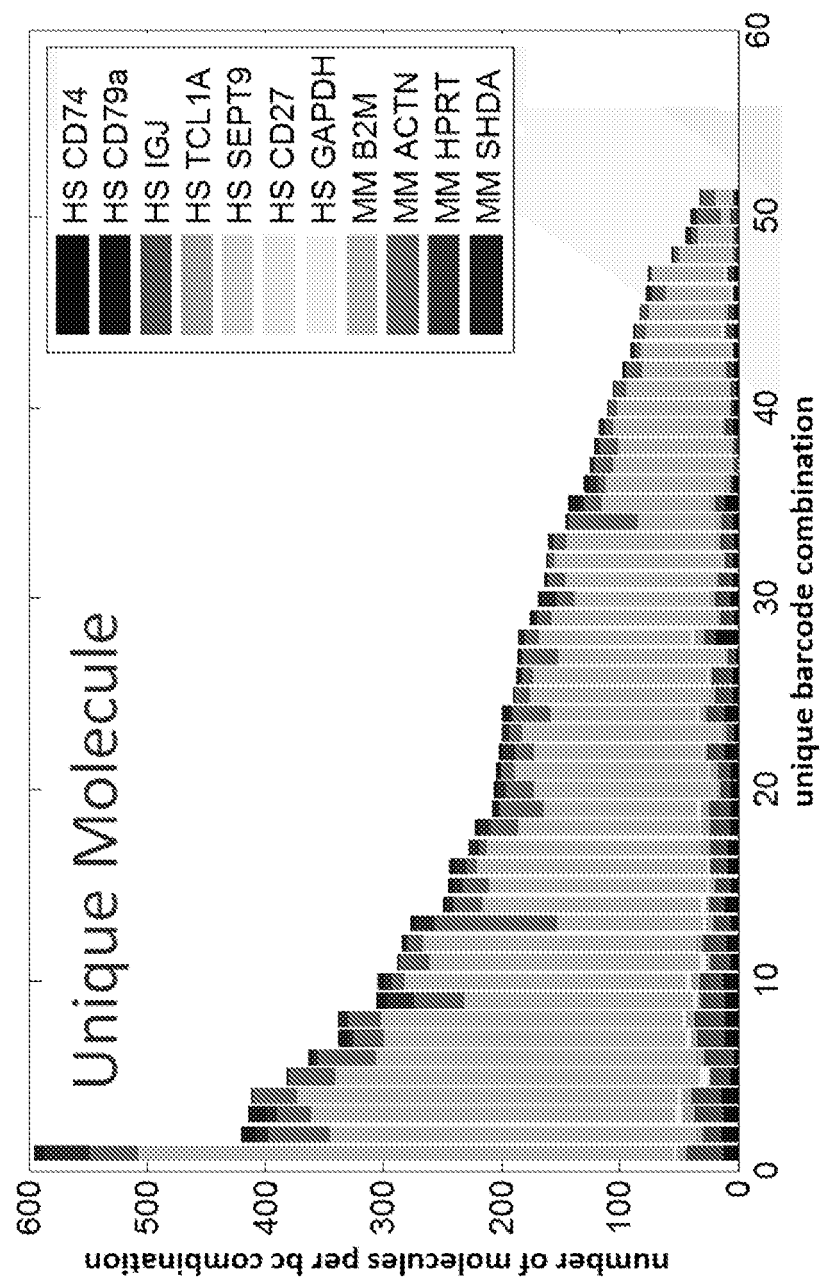


FIG. 13K

log10(number of reads)

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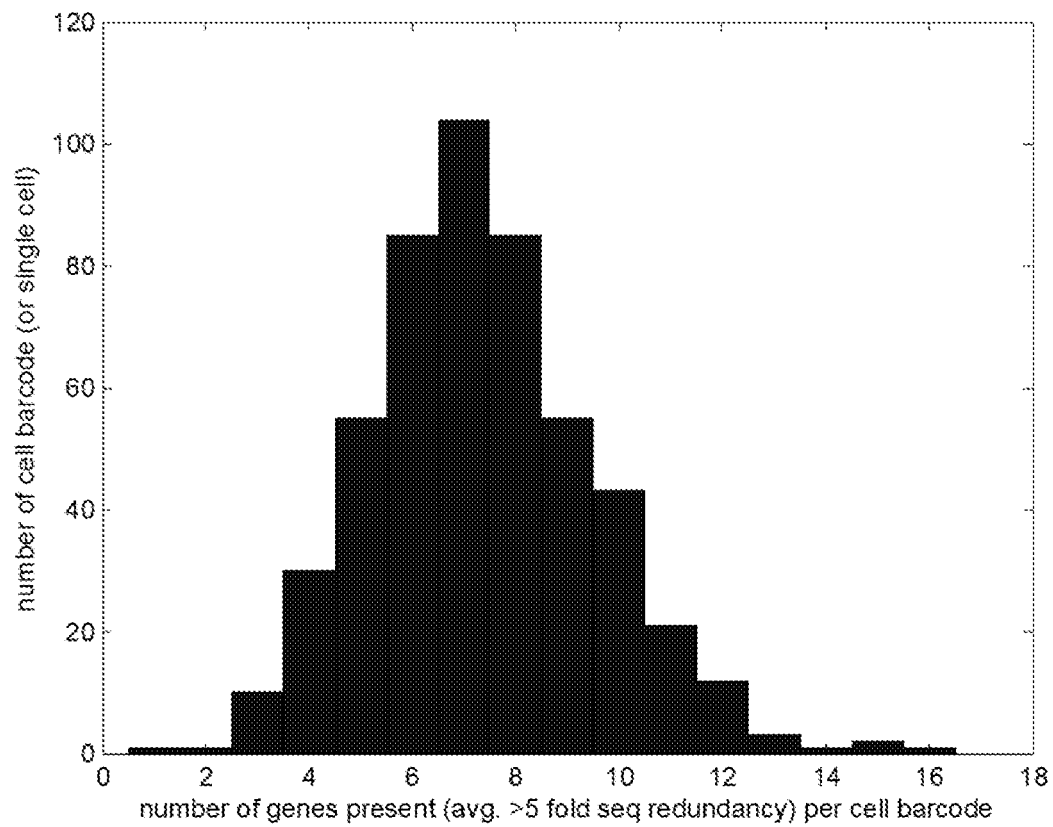


FIG. 15A

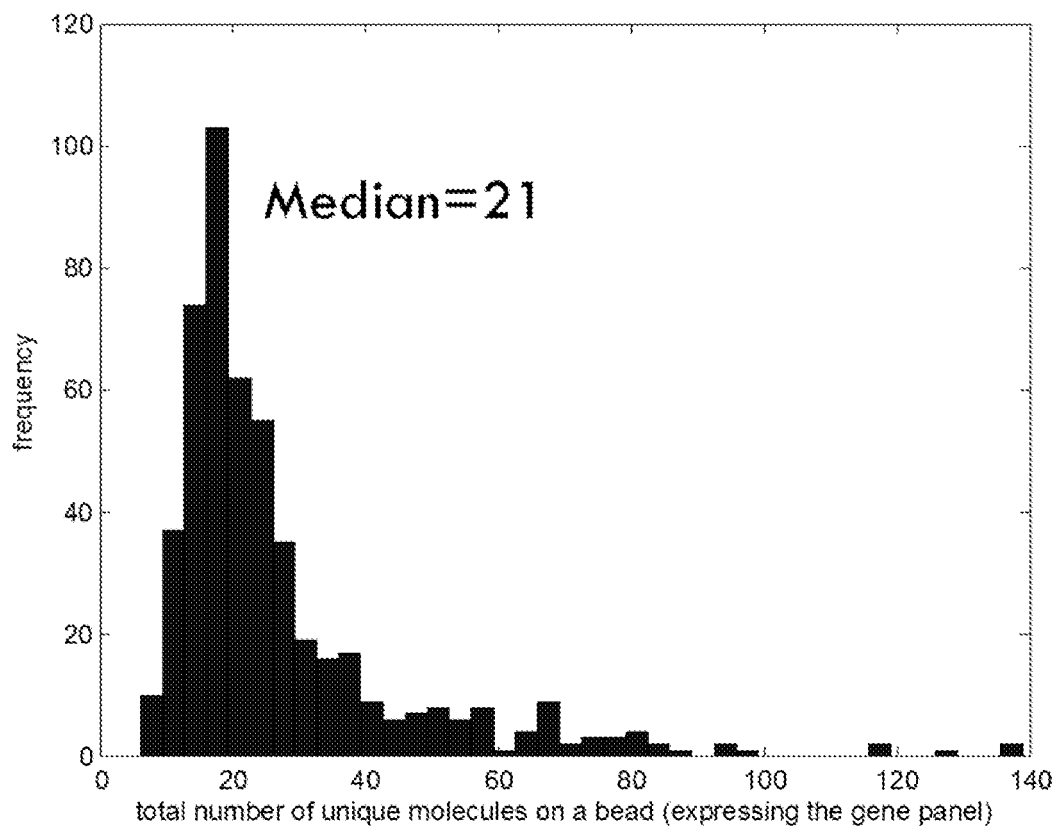


FIG. 15B

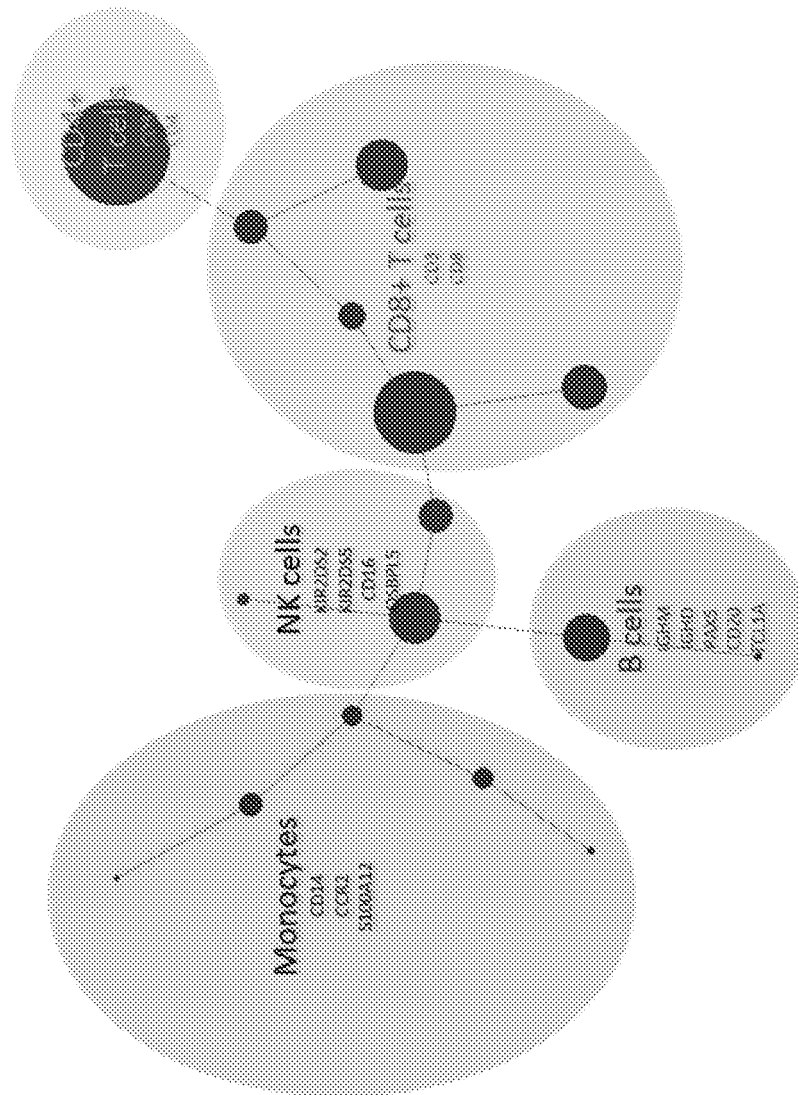


FIG. 16

FIG. 17A

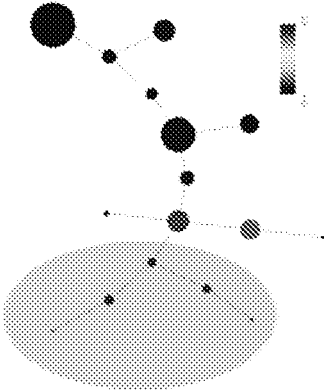


FIG. 17B

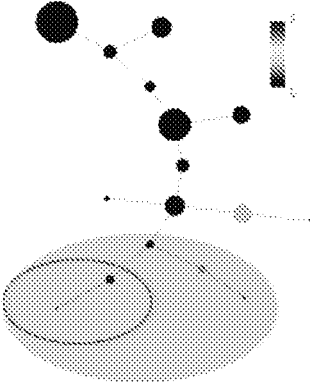
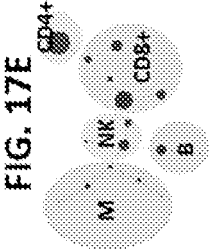


FIG. 17C

FIG. 17D

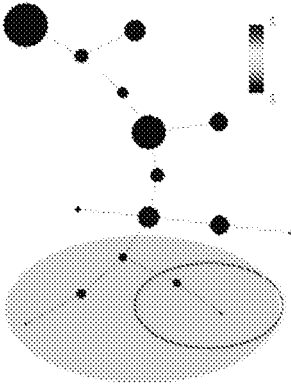
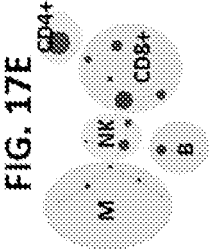


FIG. 17E

FIG. 17A-E

FIG. 18A

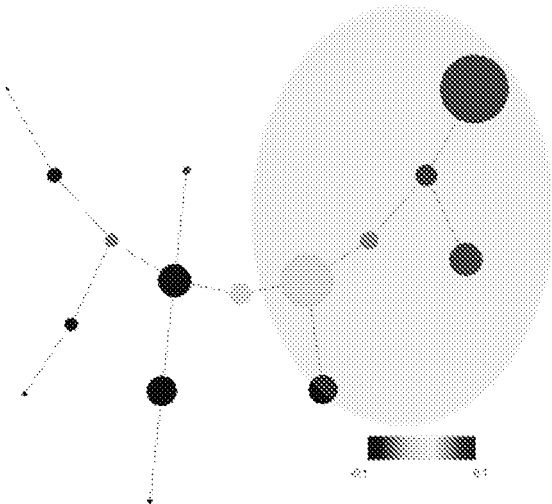


FIG. 18B

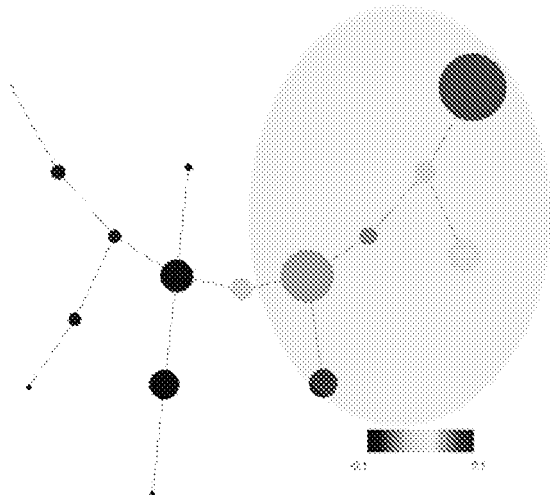


FIG. 18C

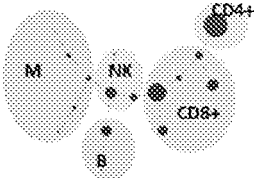


FIG. 18A-C

FIG. 19A

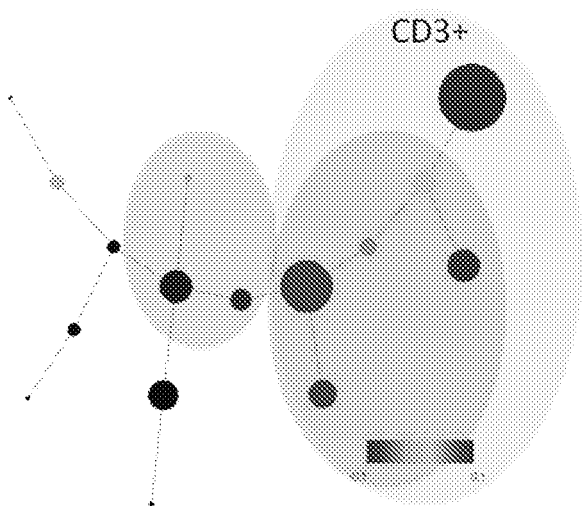


FIG. 19B

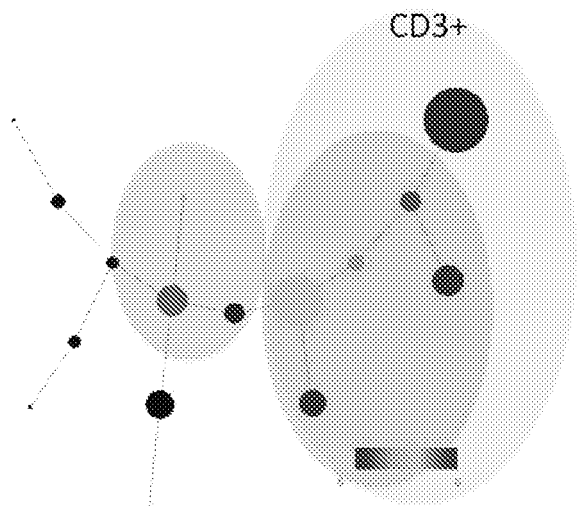


FIG. 19C

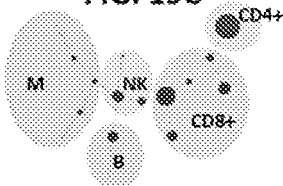


FIG. 19A-C

FIG. 20A

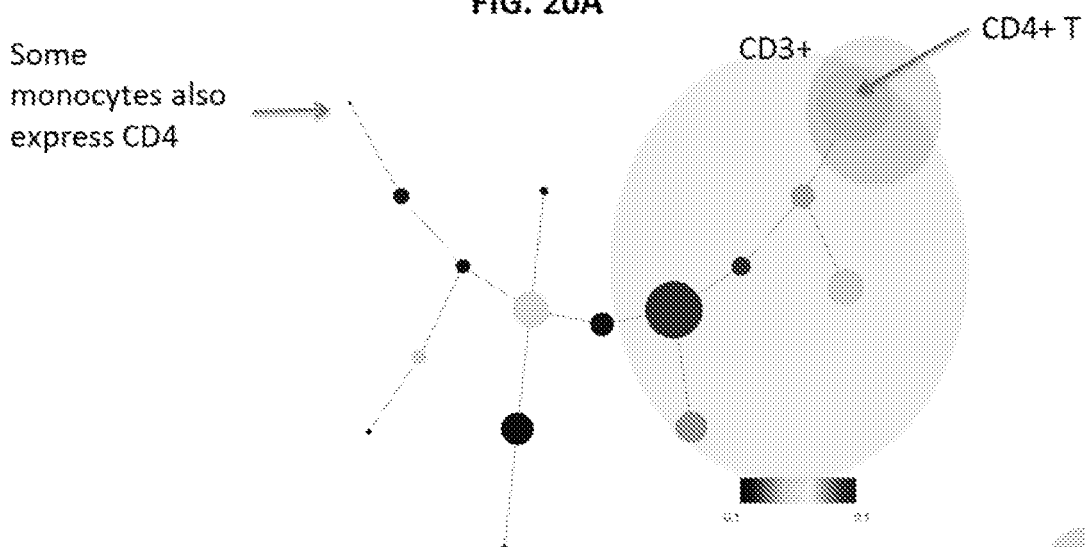


FIG. 20B

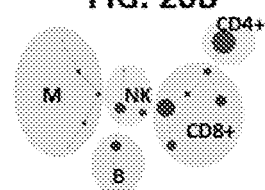


FIG. 20A-B

FIG. 21A

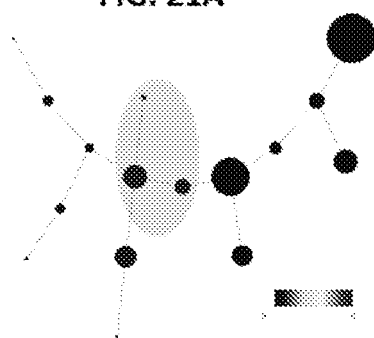


FIG. 21B

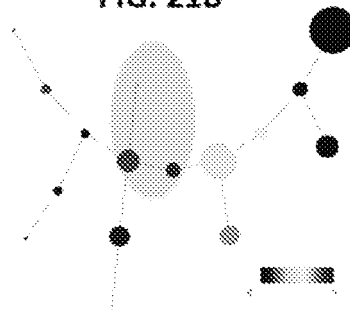


FIG. 21C

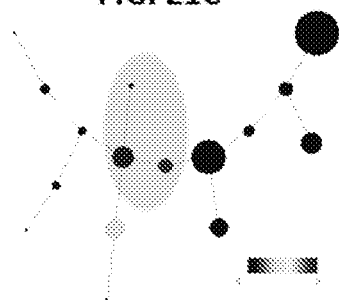


FIG. 21D

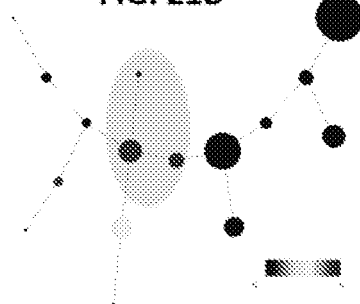


FIG. 21E

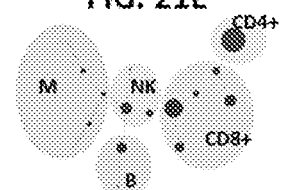


FIG. 21A-E

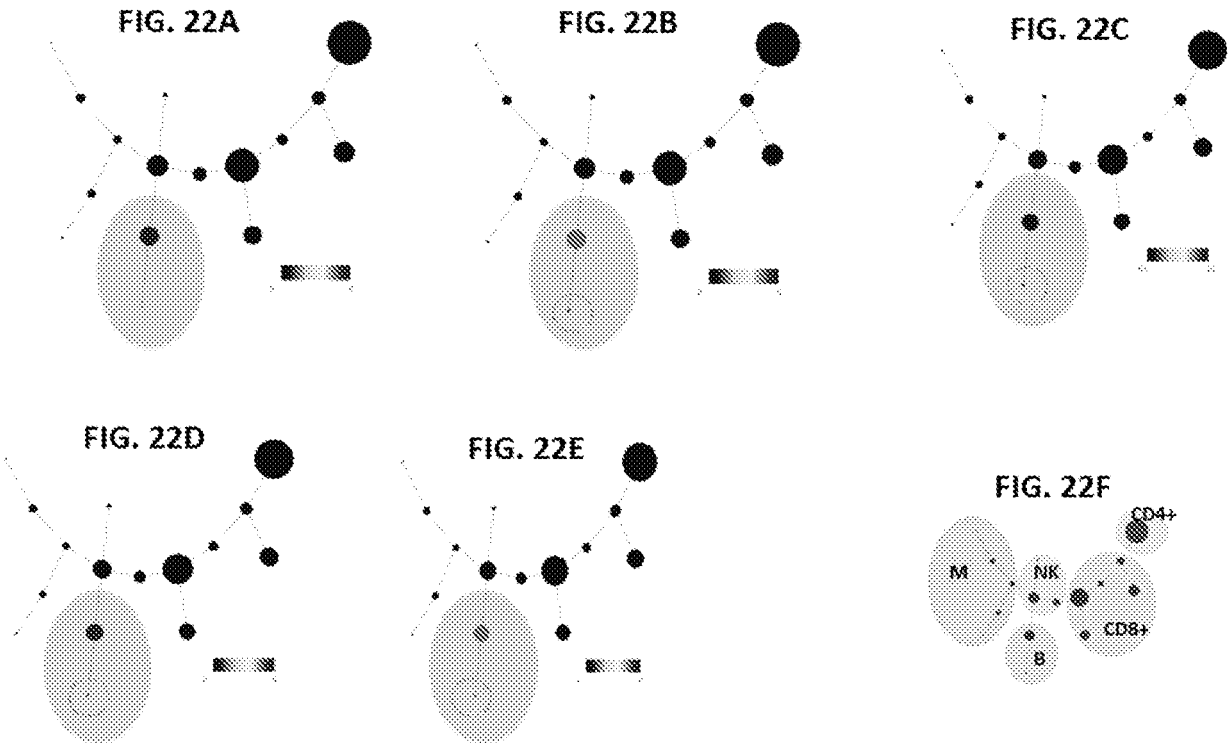


FIG. 22A-F

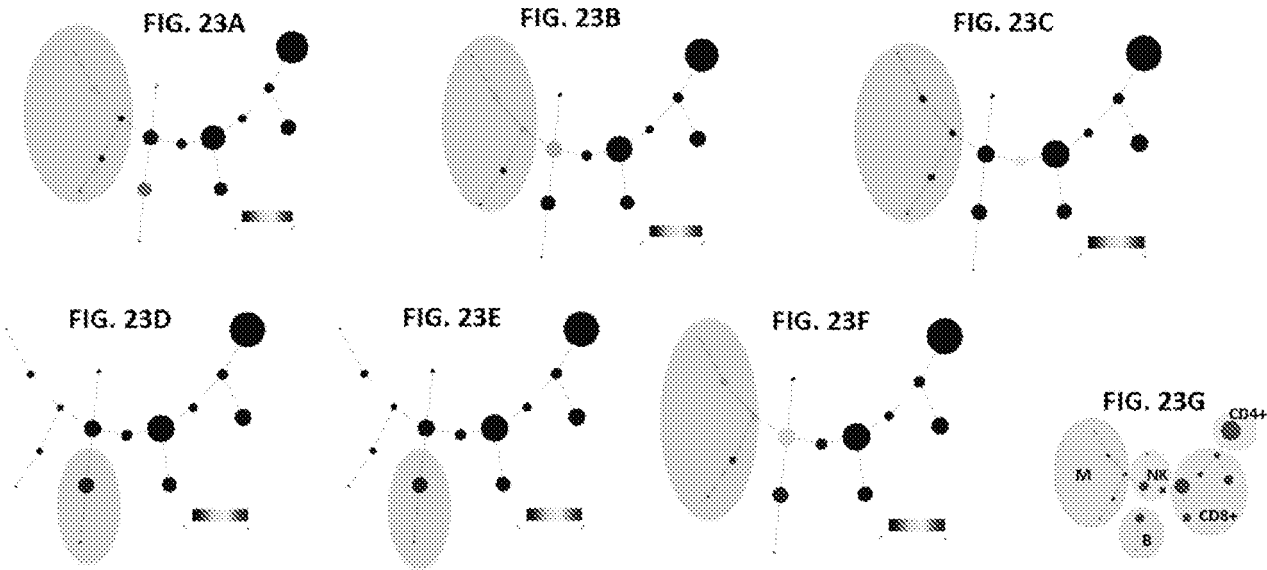


FIG. 23A-G

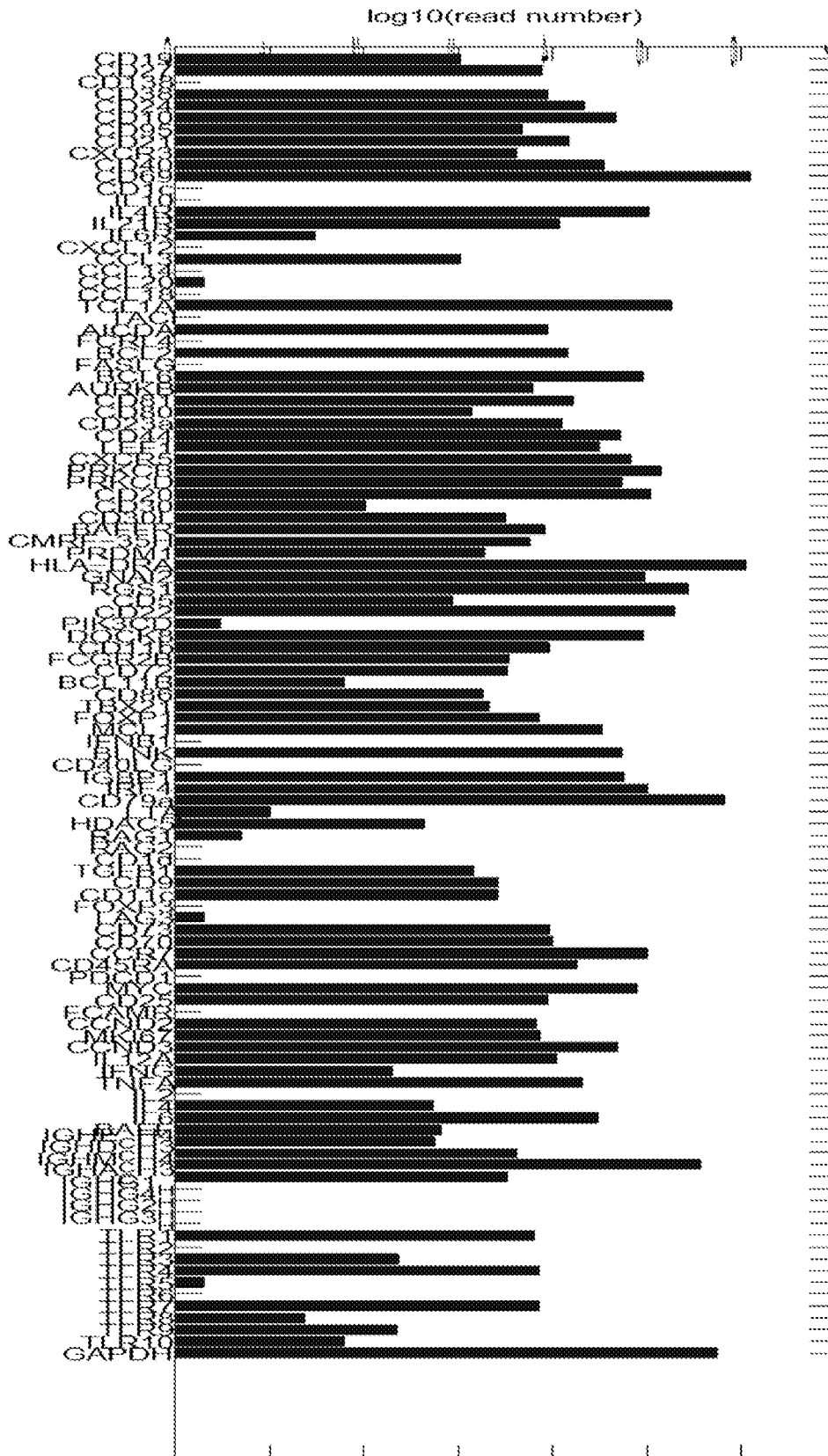


FIG. 24

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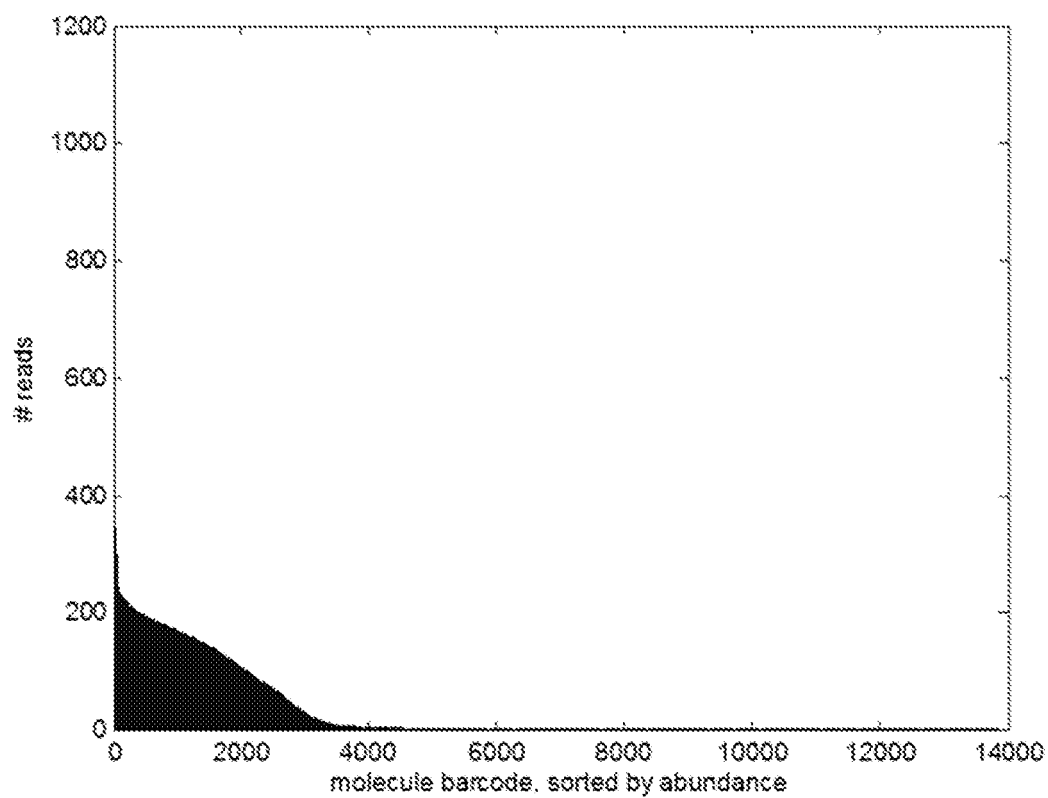


FIG. 25A

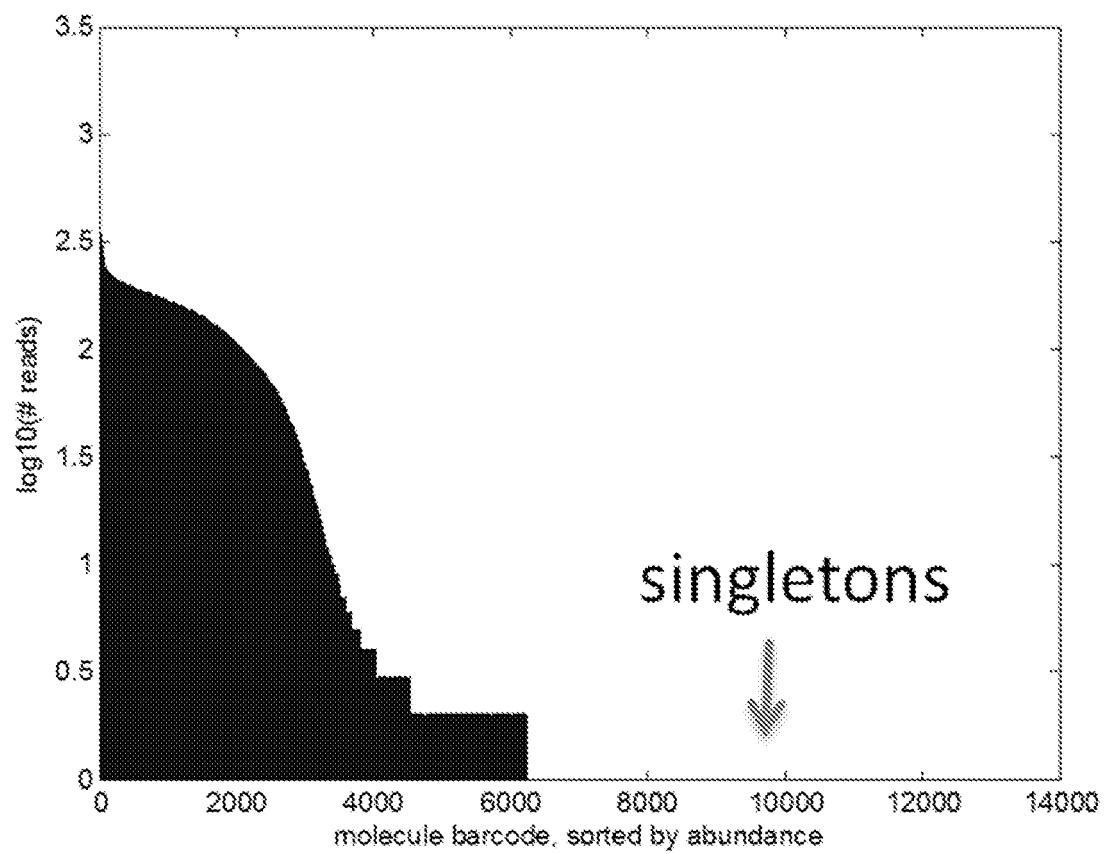


FIG. 25B

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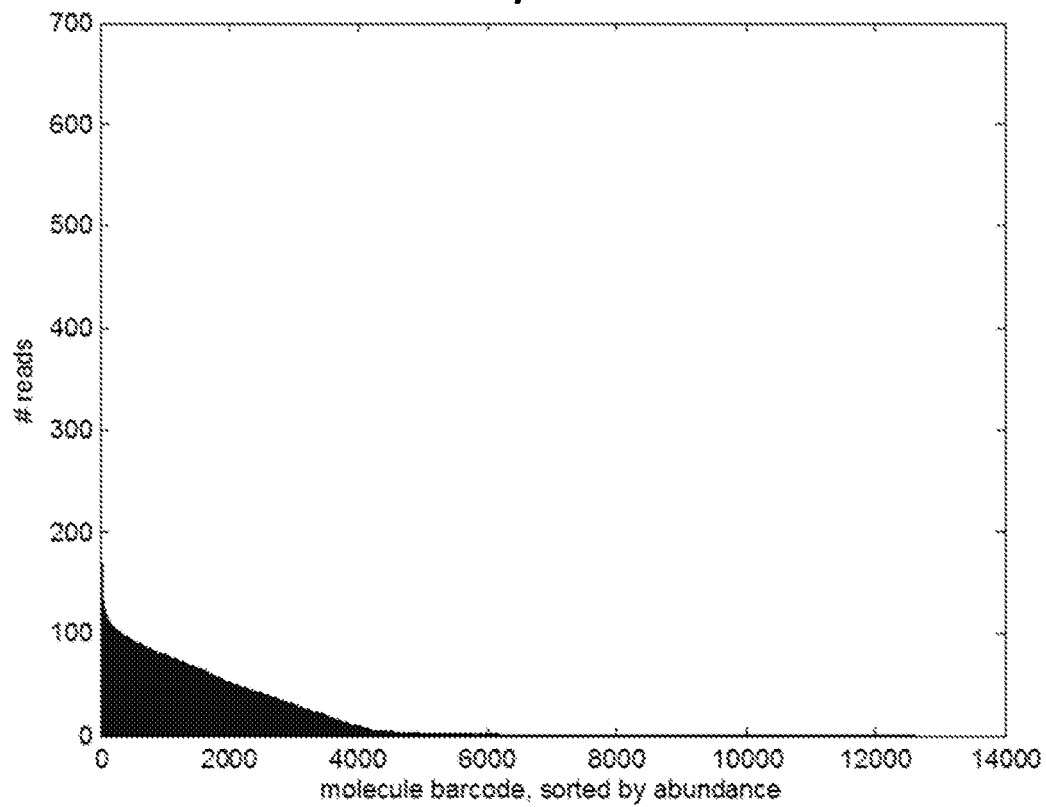


FIG. 25C

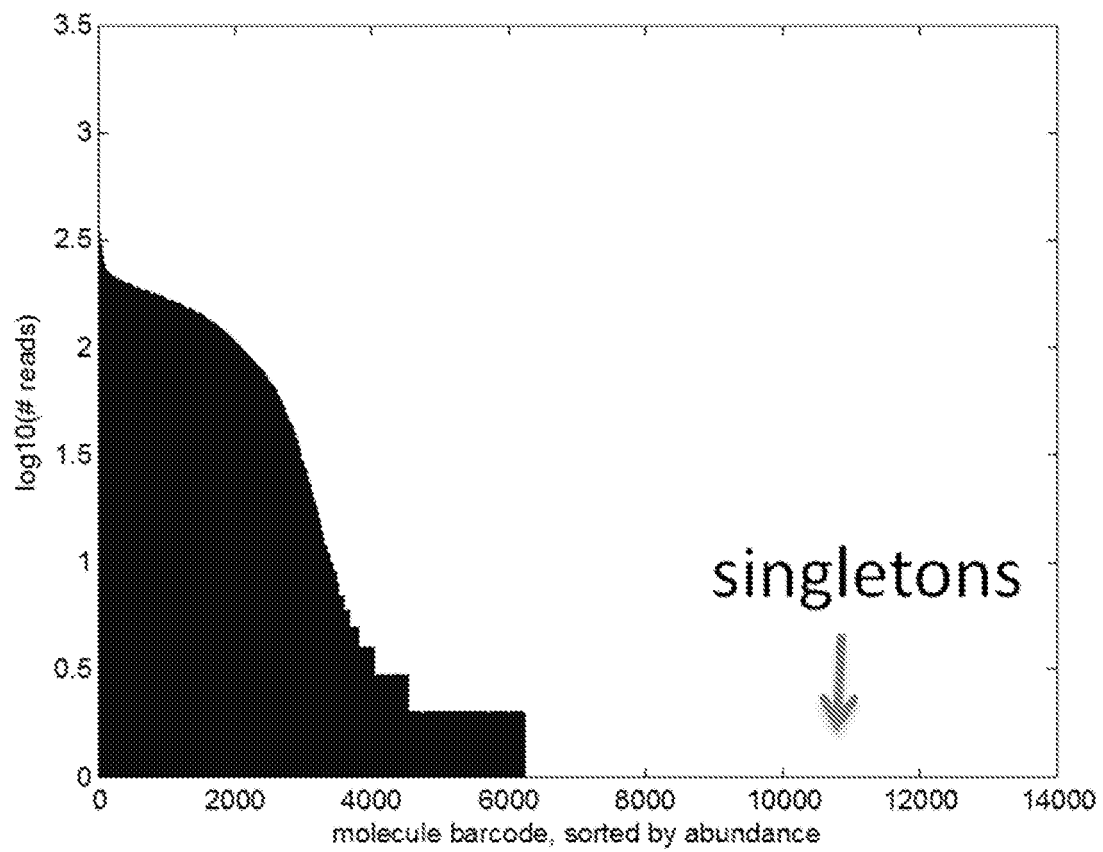


FIG. 25D

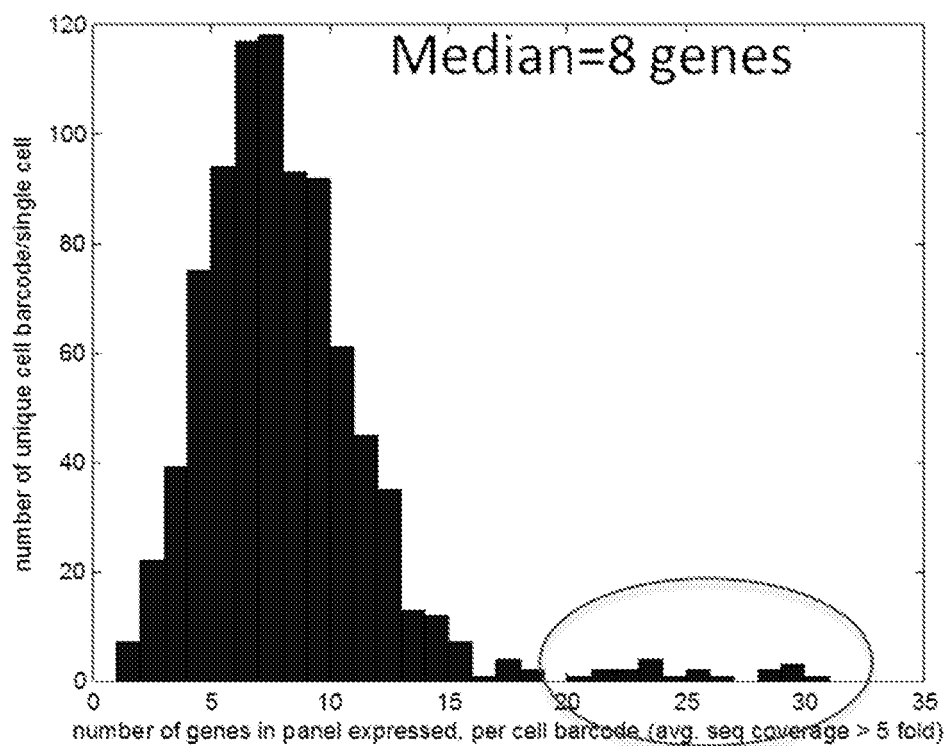


FIG. 26A

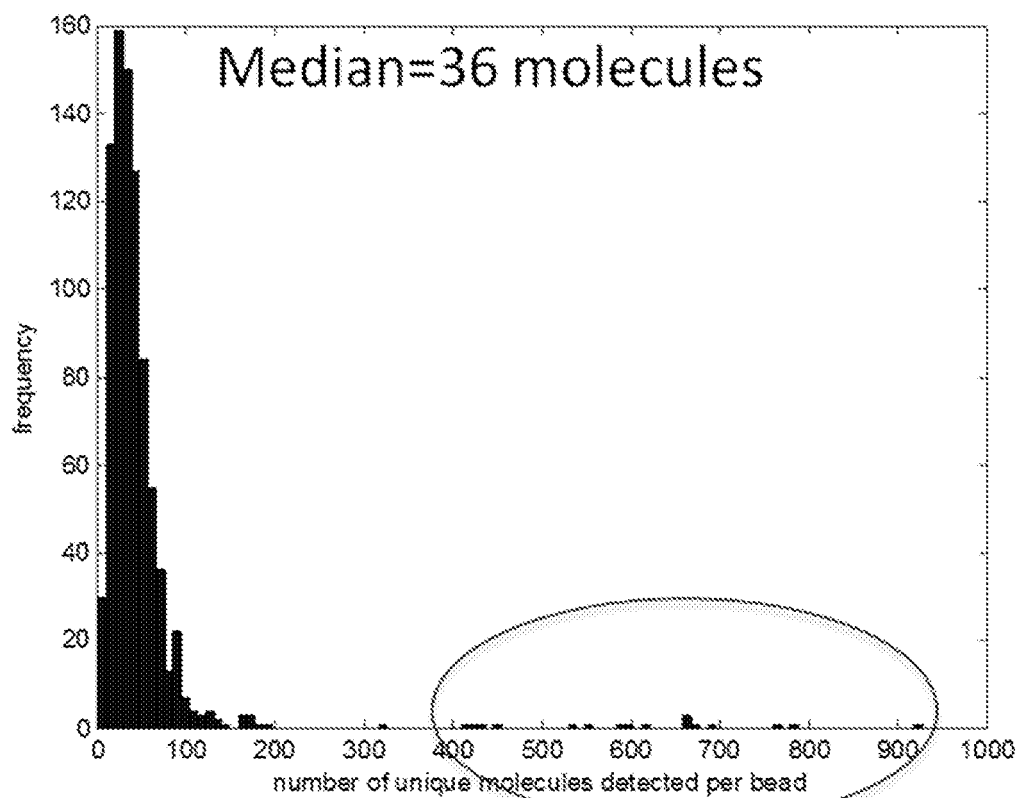


FIG. 26B

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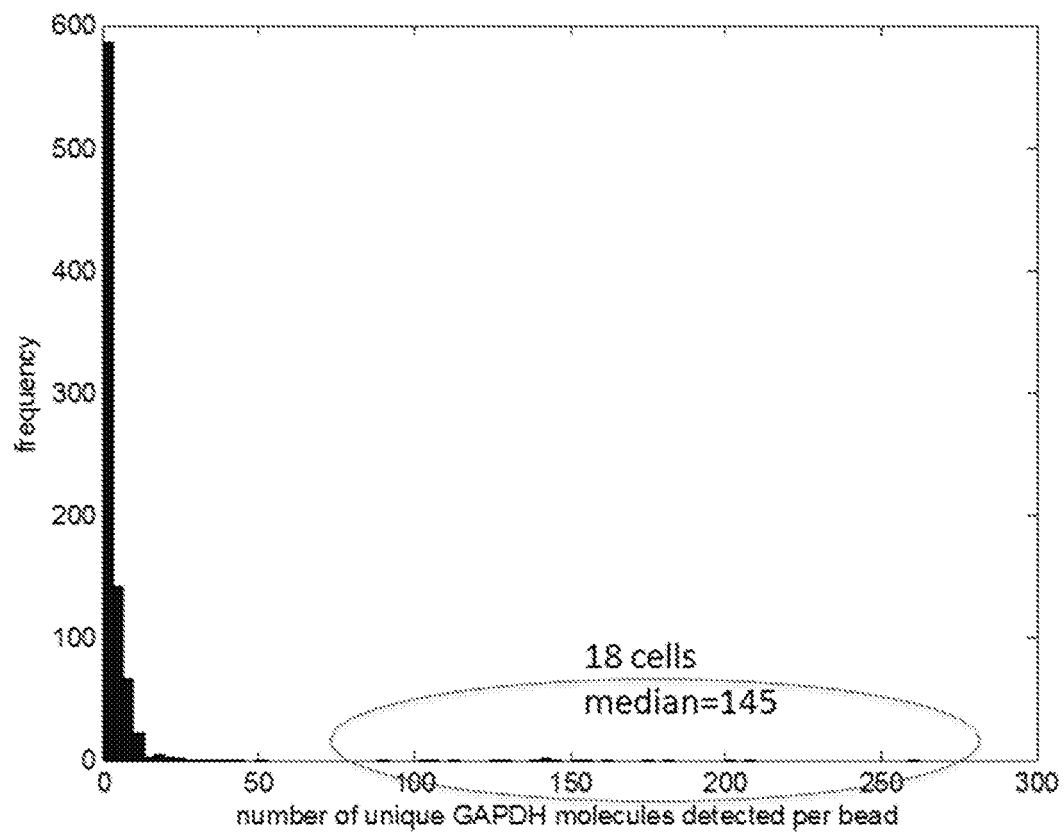


FIG. 26C

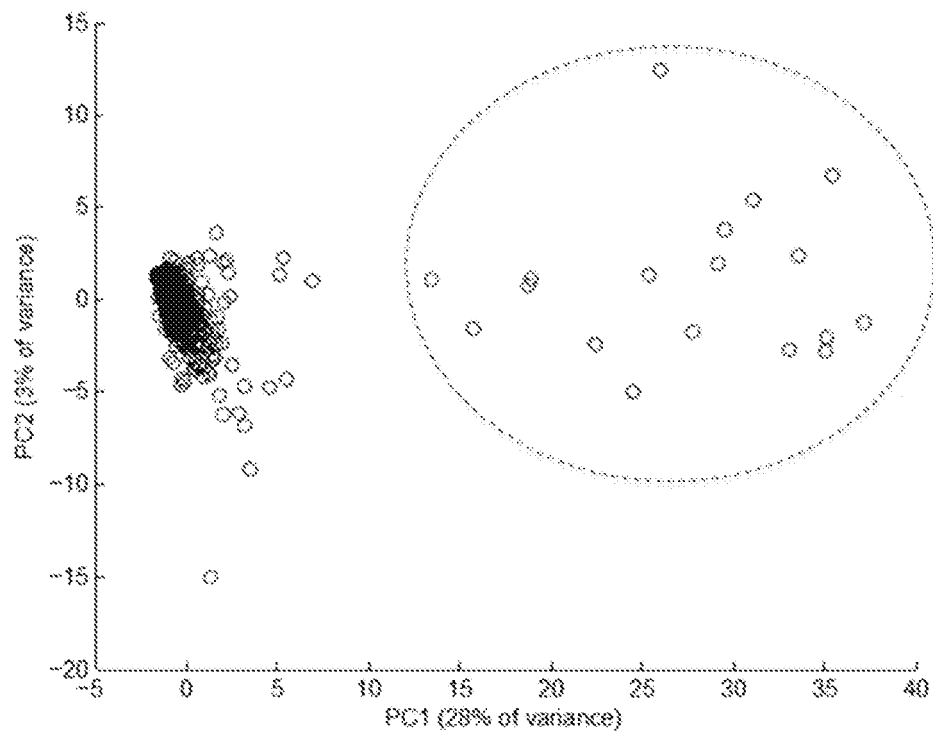


FIG. 27

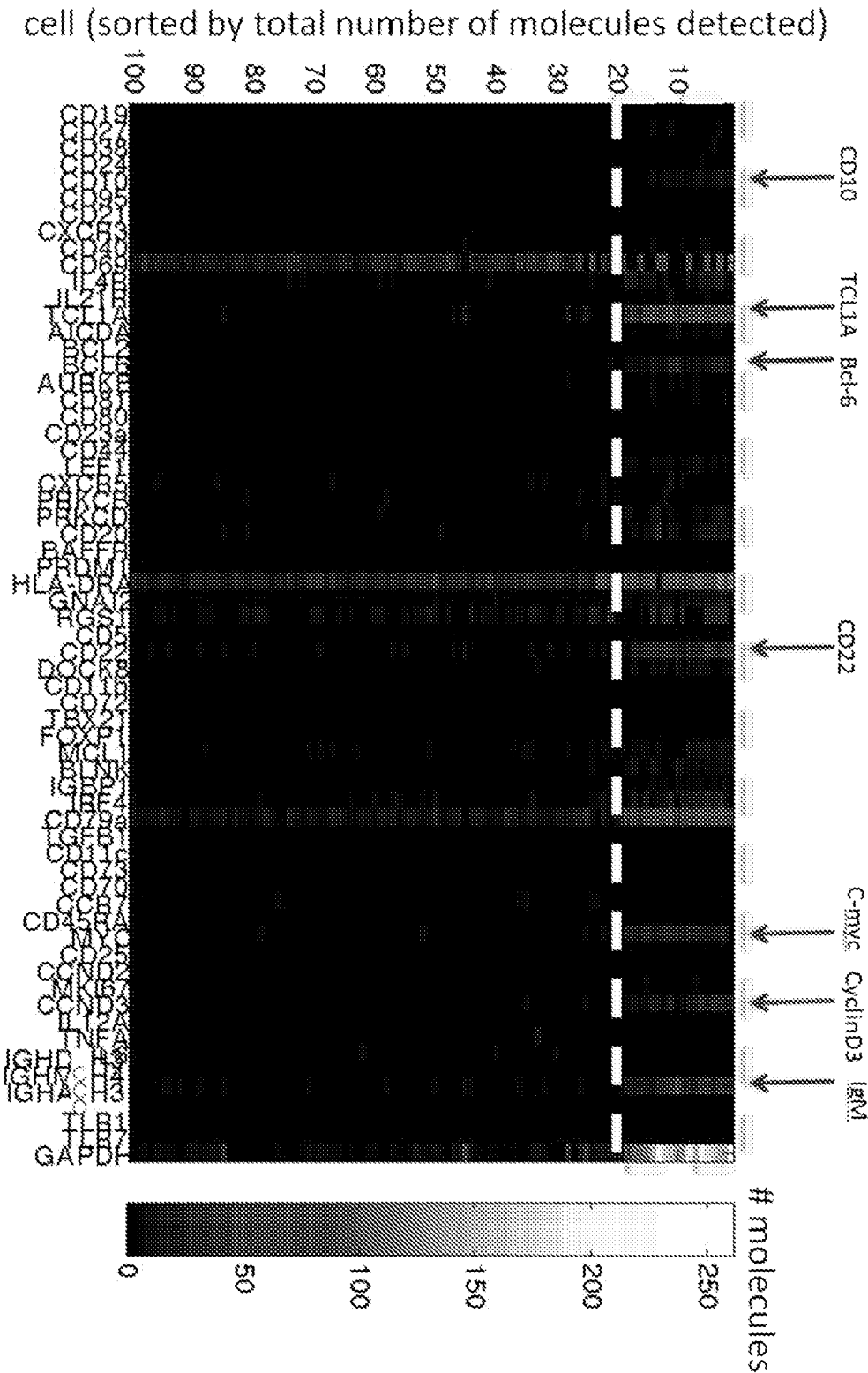


FIG. 28

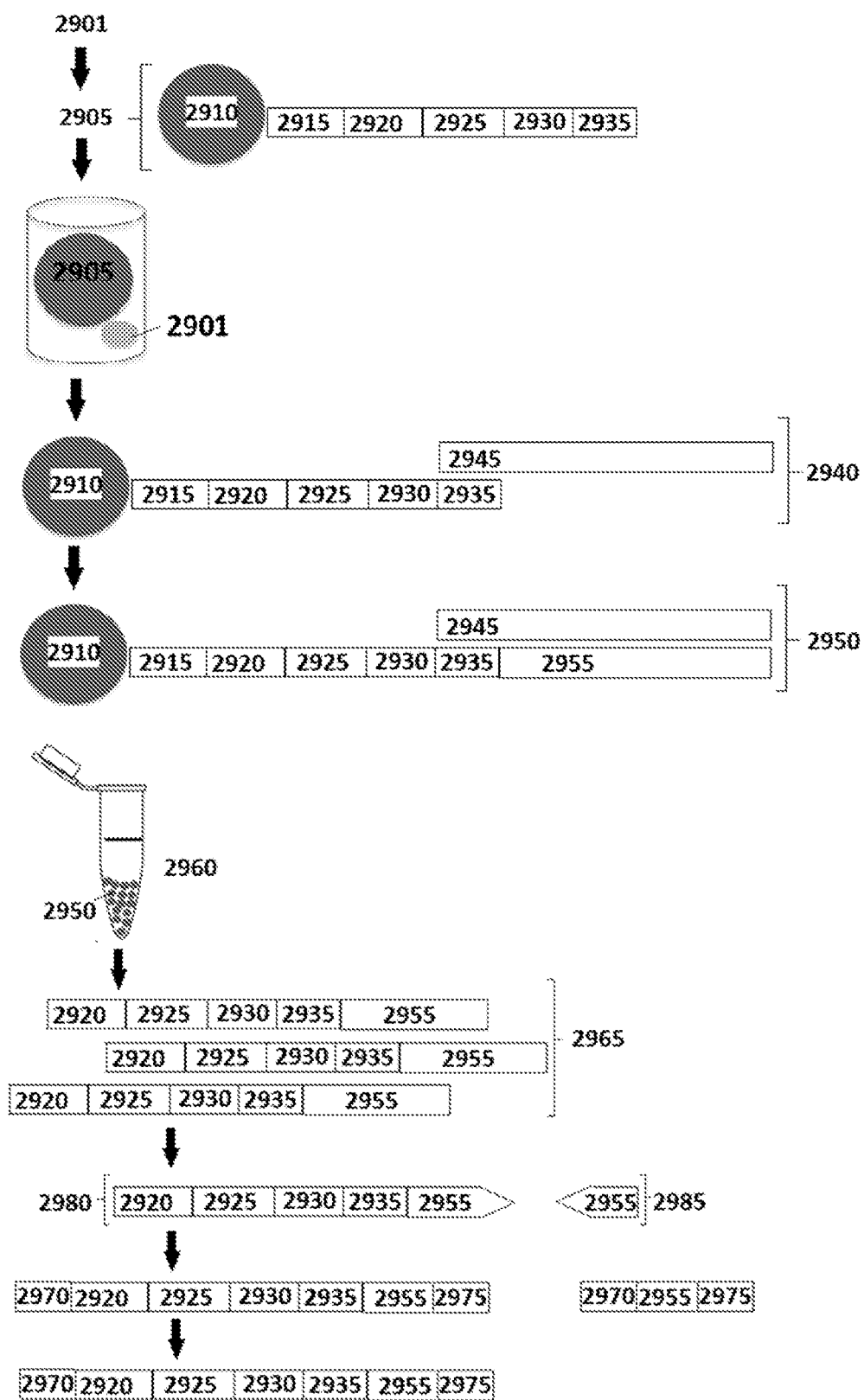


FIG. 29

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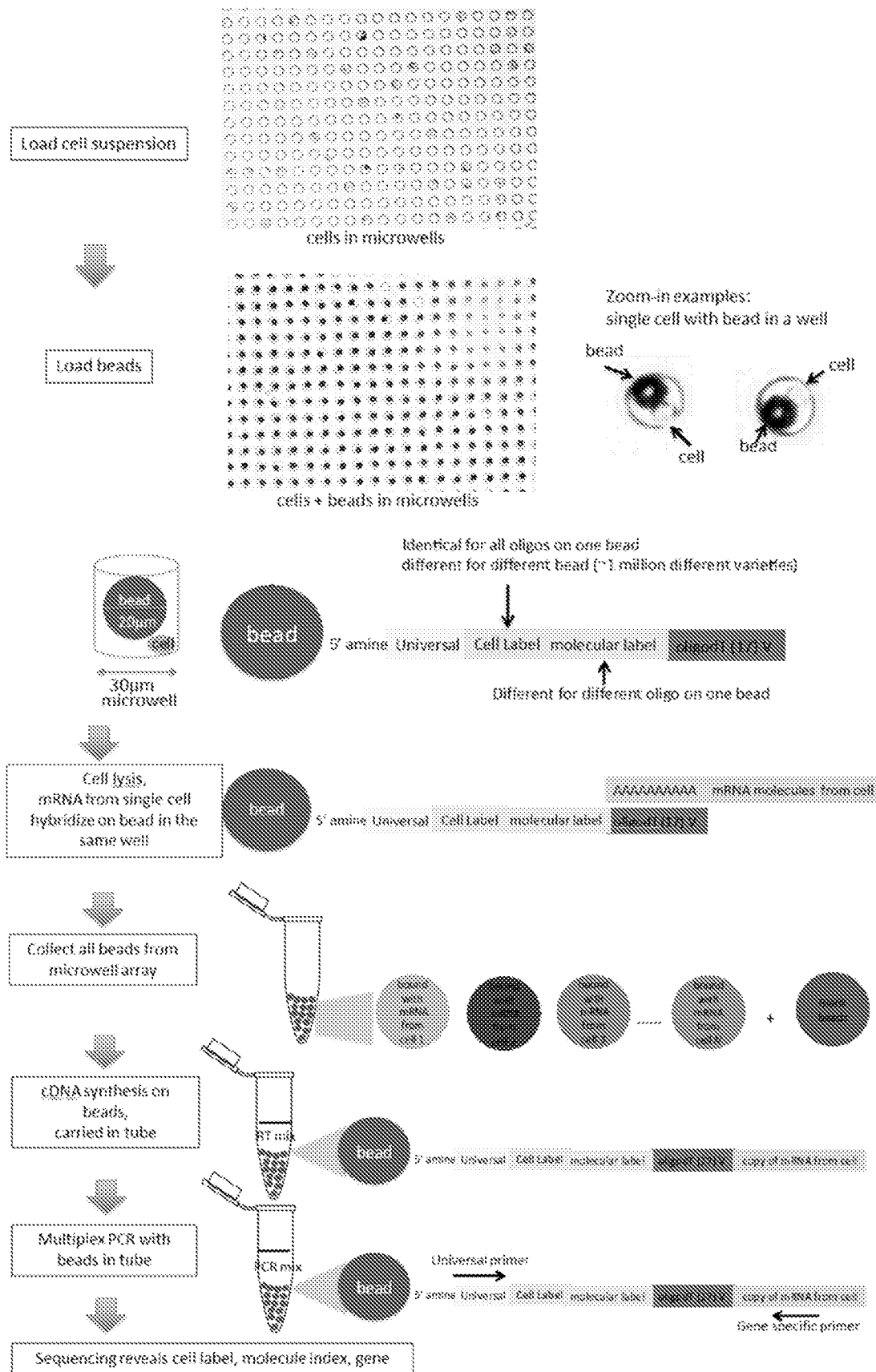


FIG. 30

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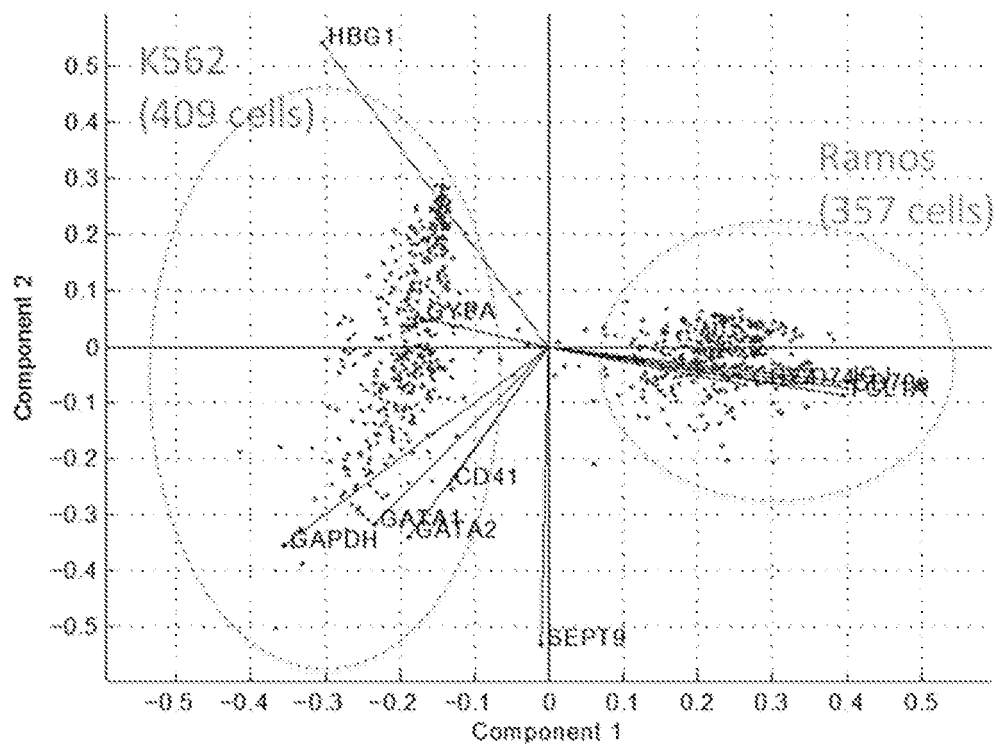


FIG. 31A

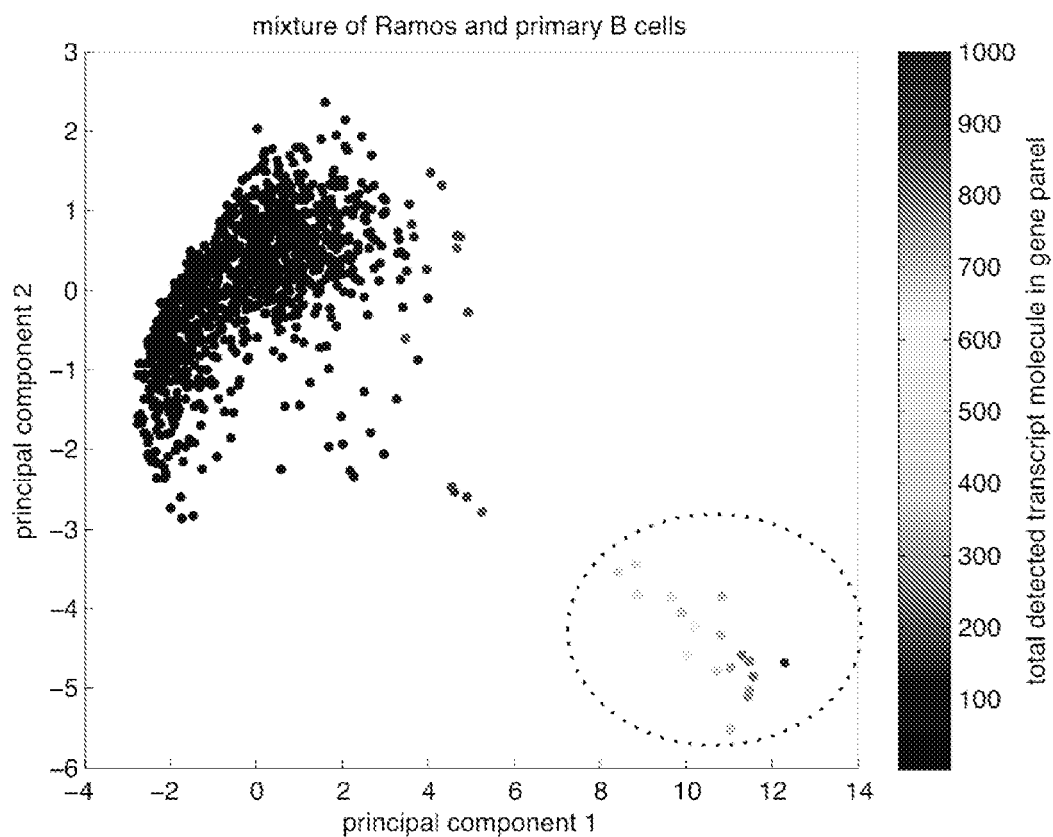


FIG. 31B

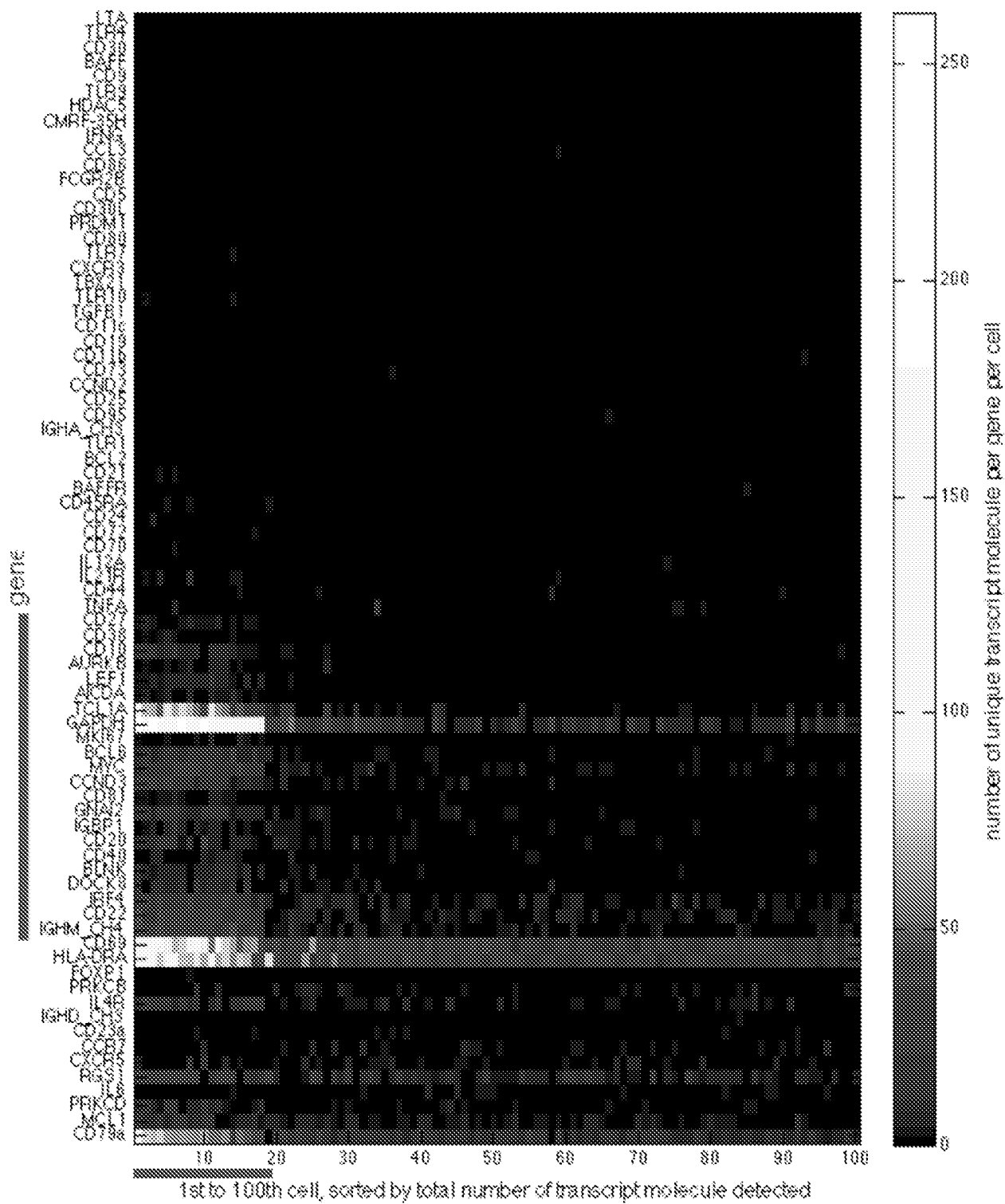


FIG. 31C

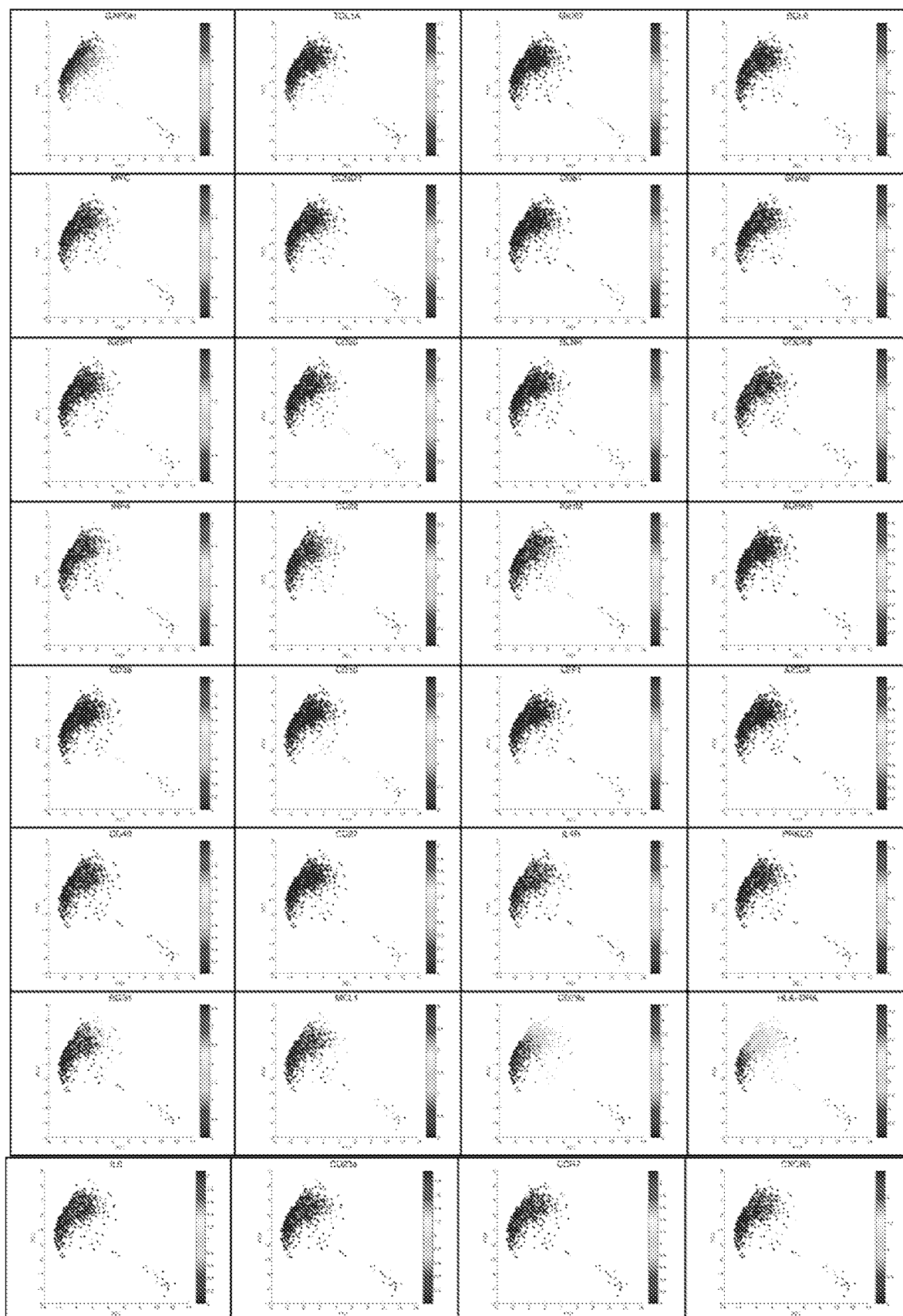


FIG. 31D

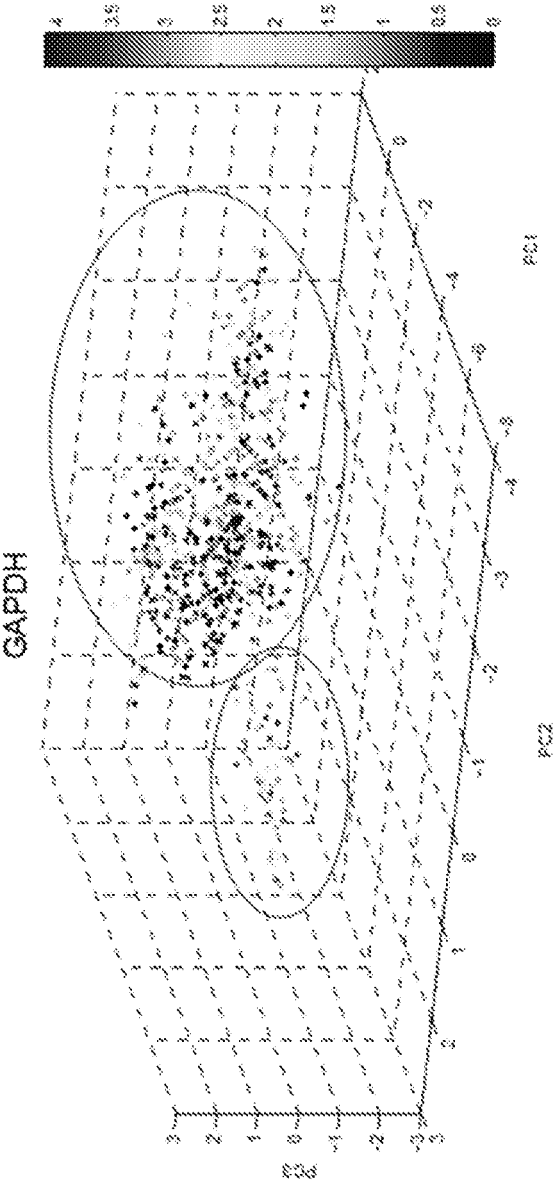
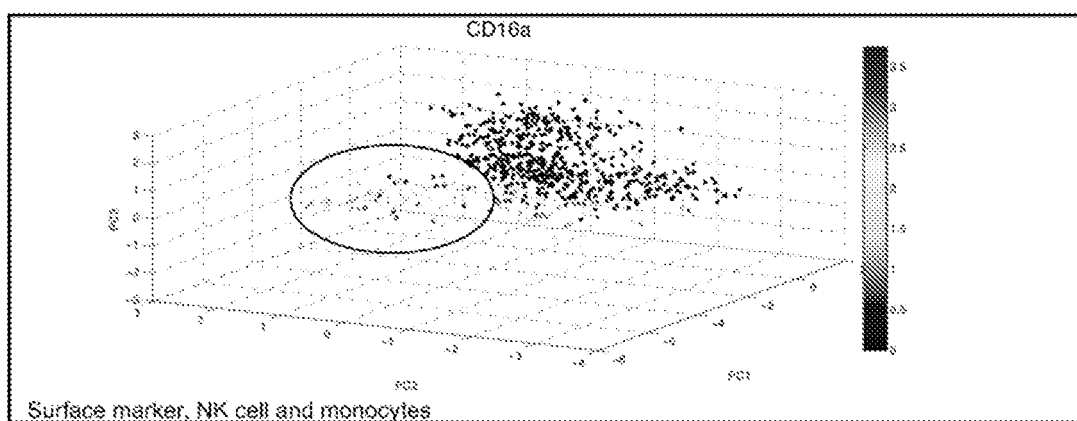
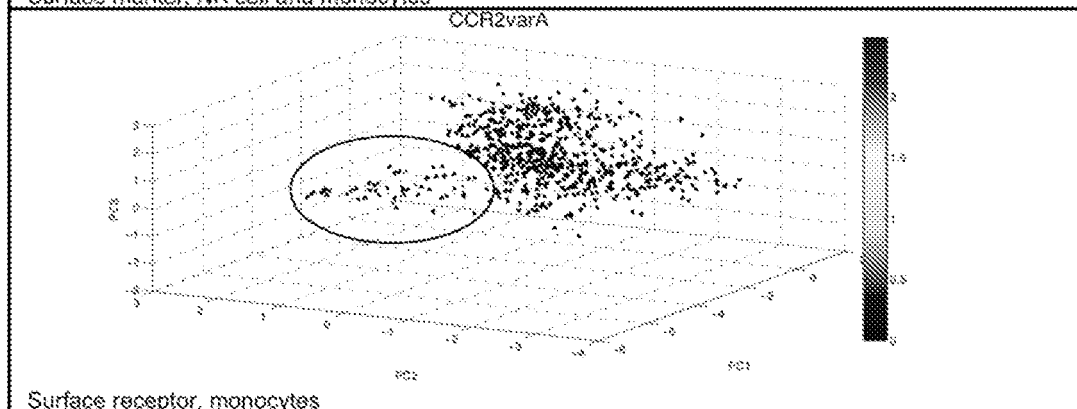


FIG. 32

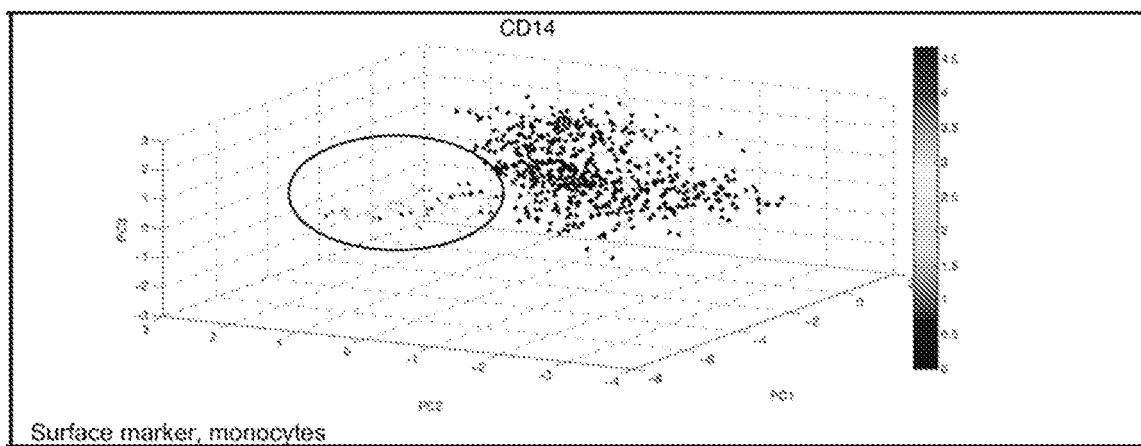
33A



33B



33C



33D

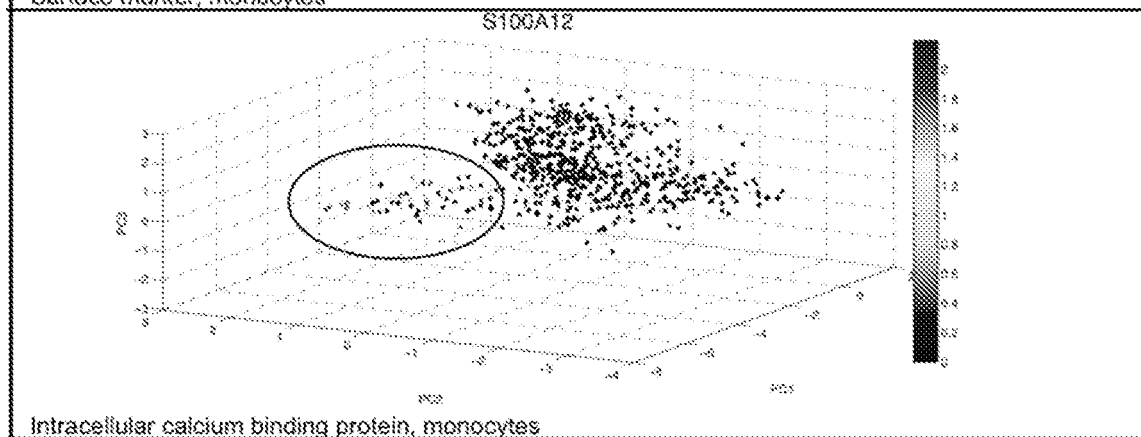


FIG. 33A-D

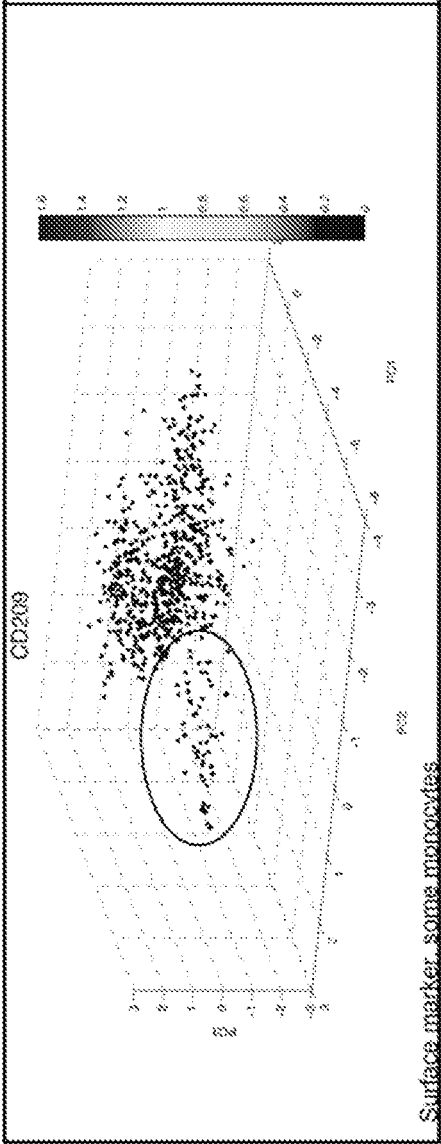


FIG. 33E

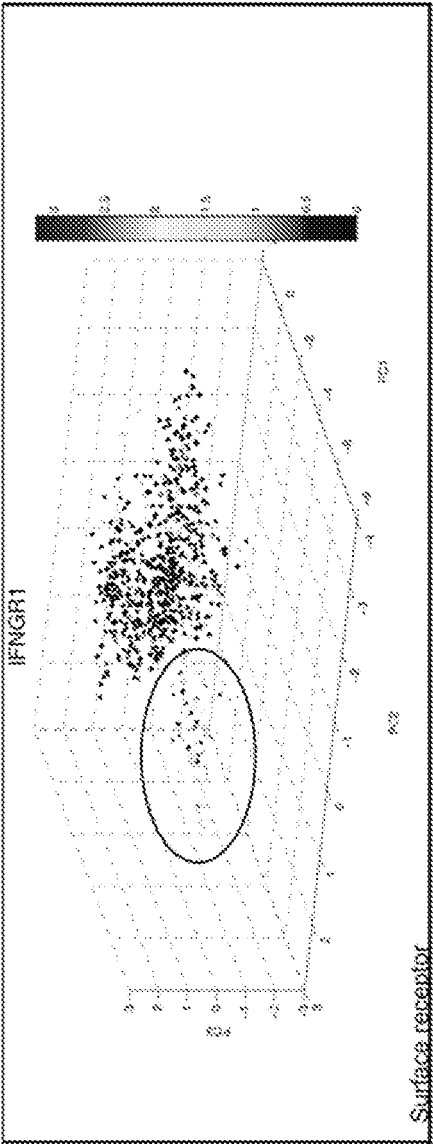


FIG. 33F

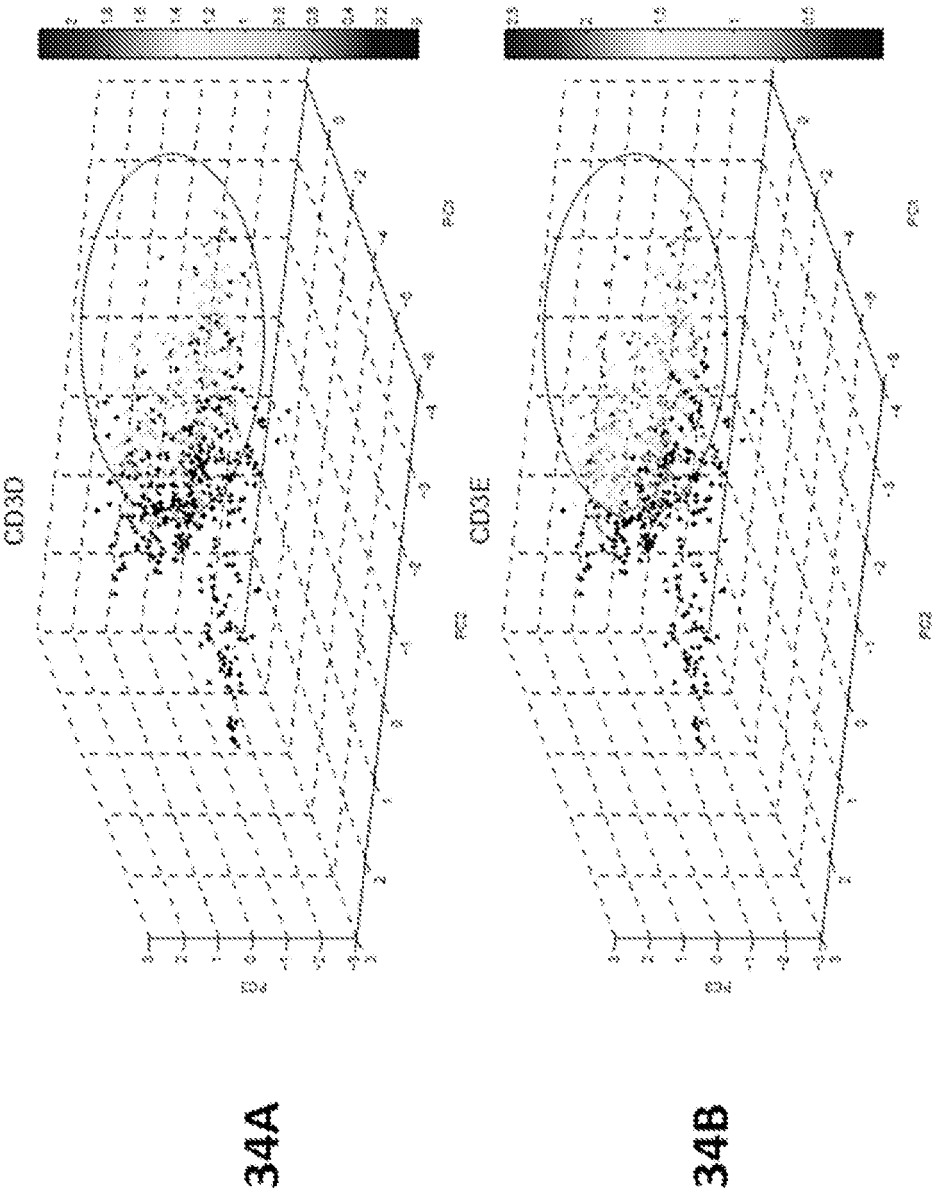
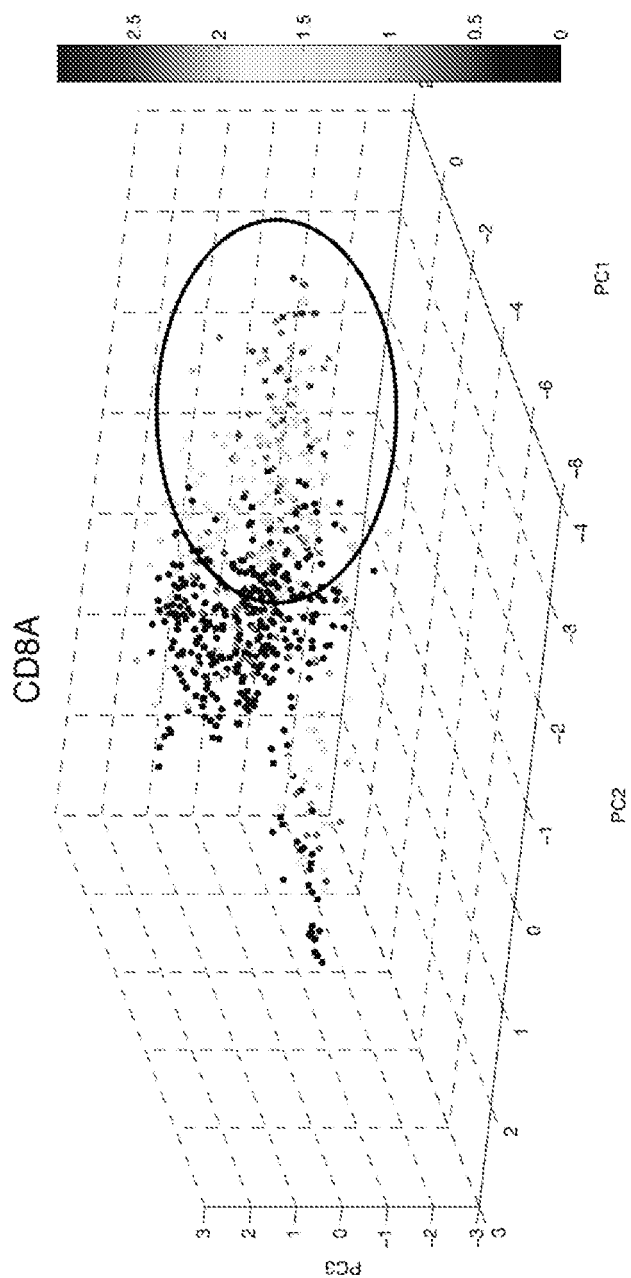
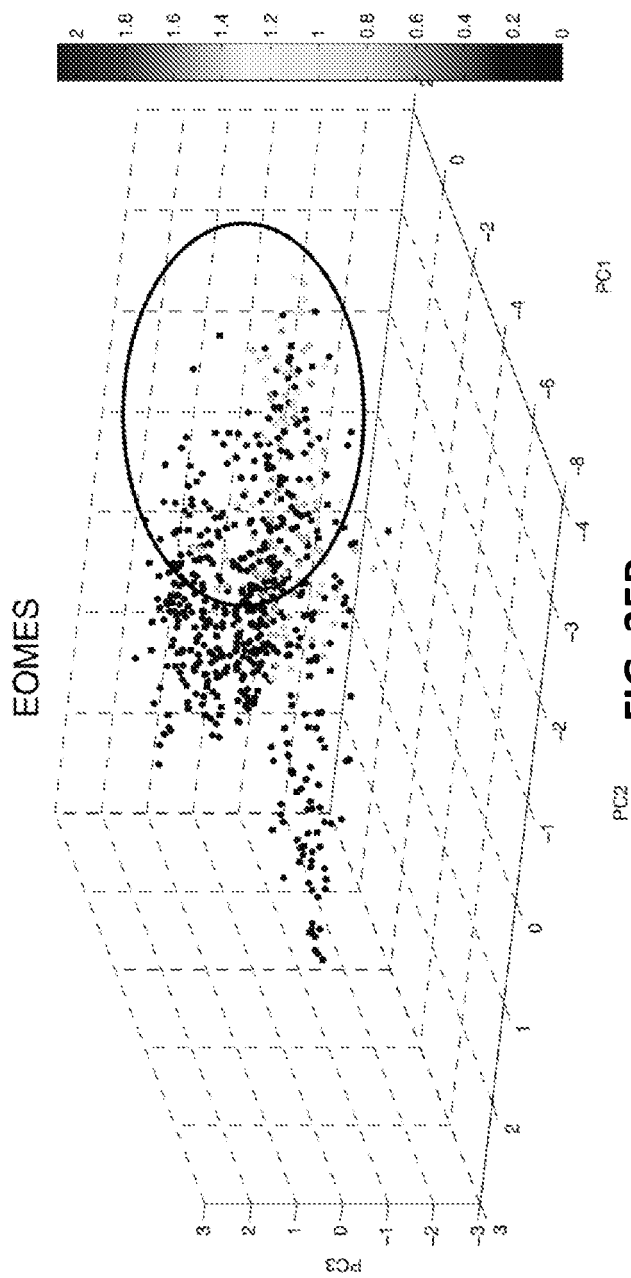


FIG. 34A-B



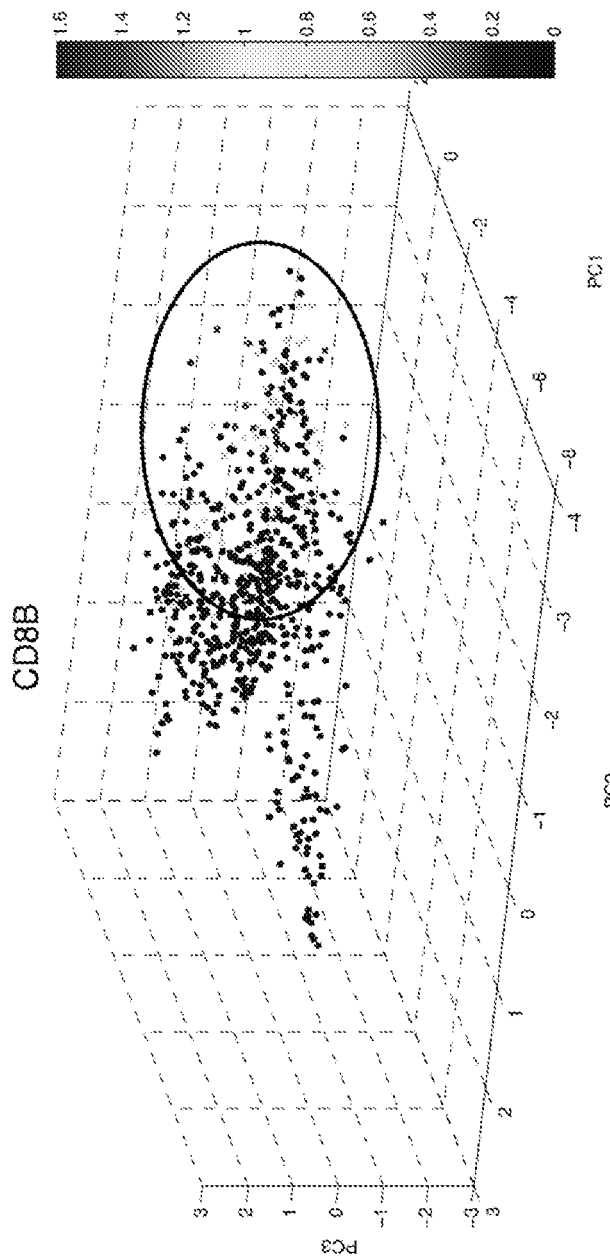


FIG. 35C

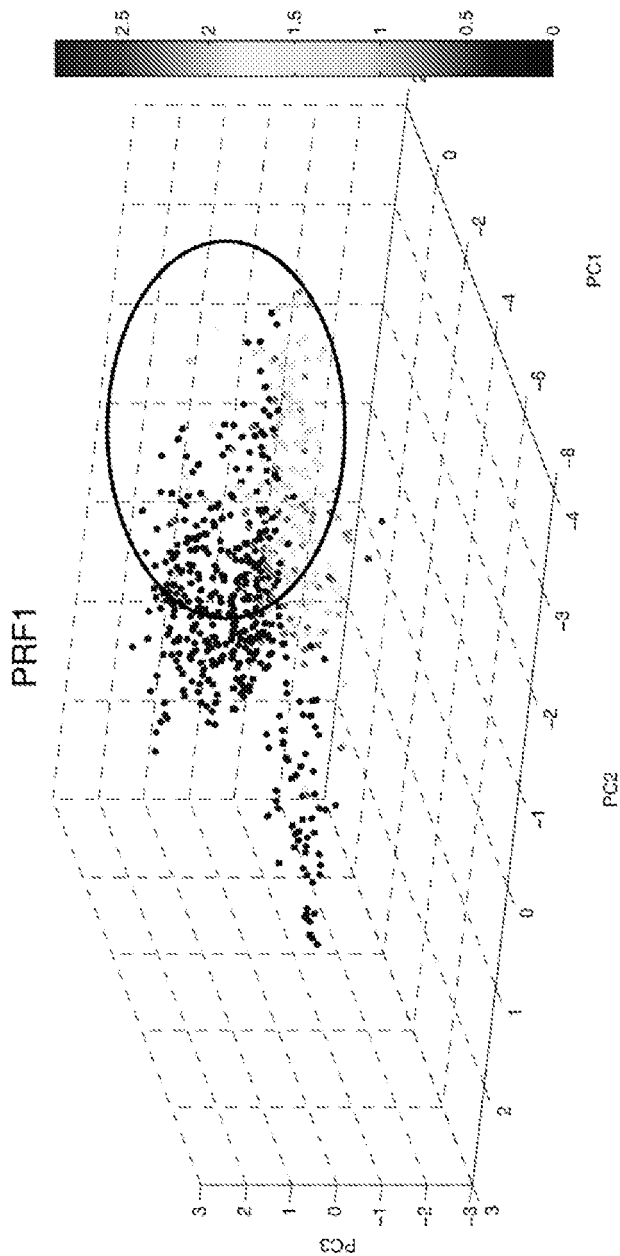


FIG. 35D

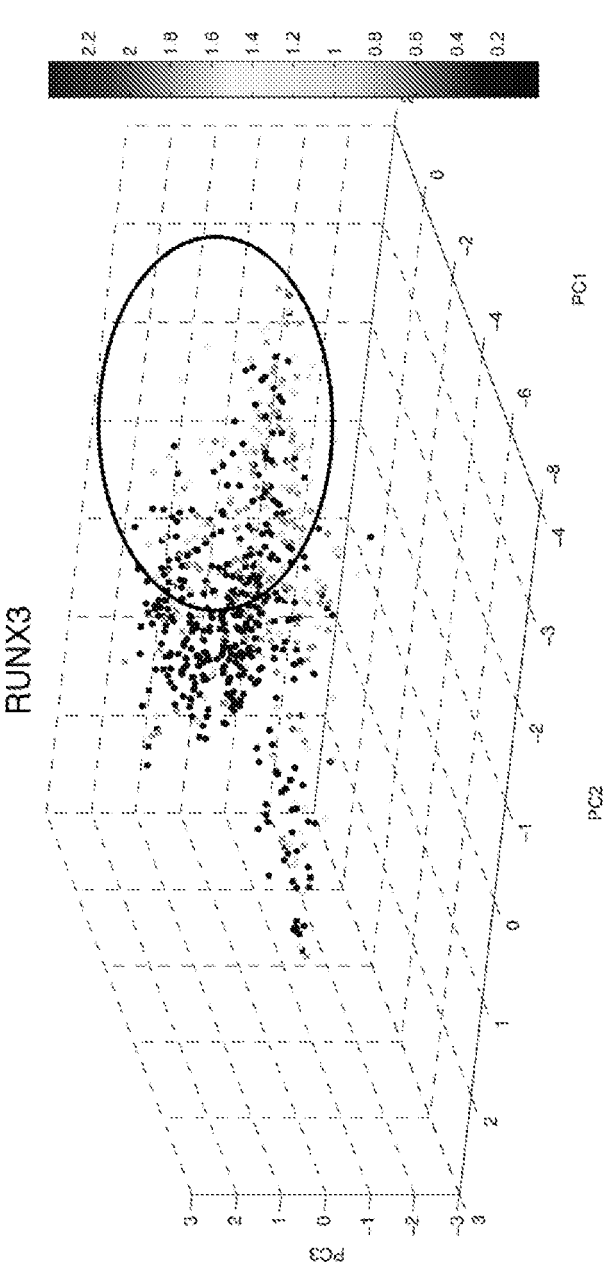


FIG. 35E

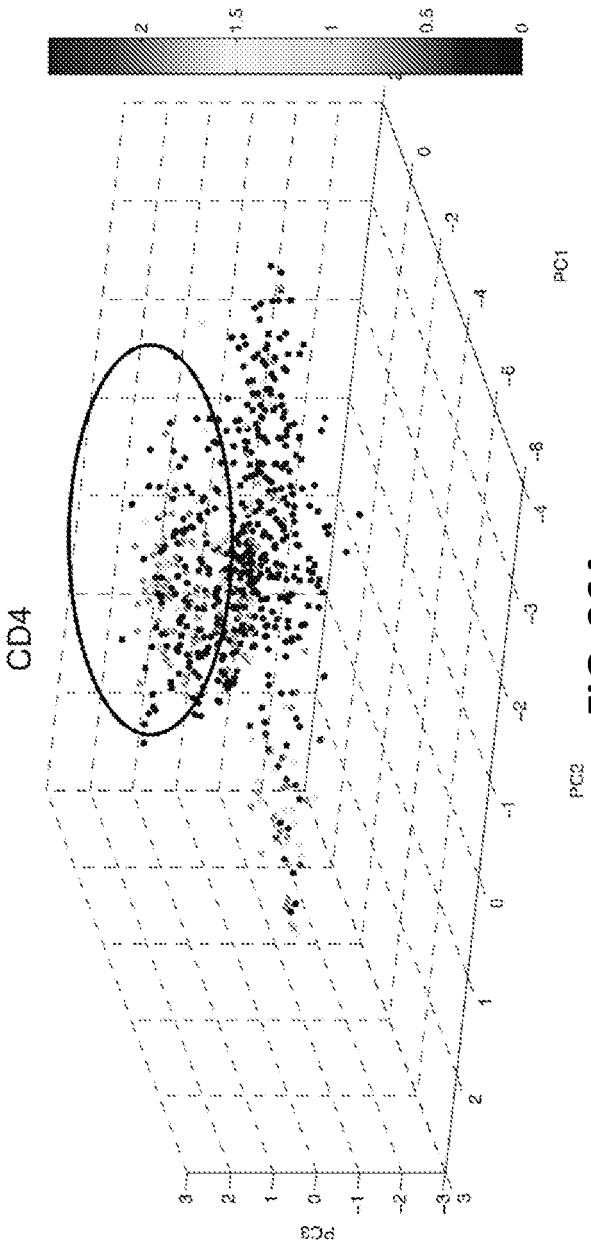


FIG. 36A

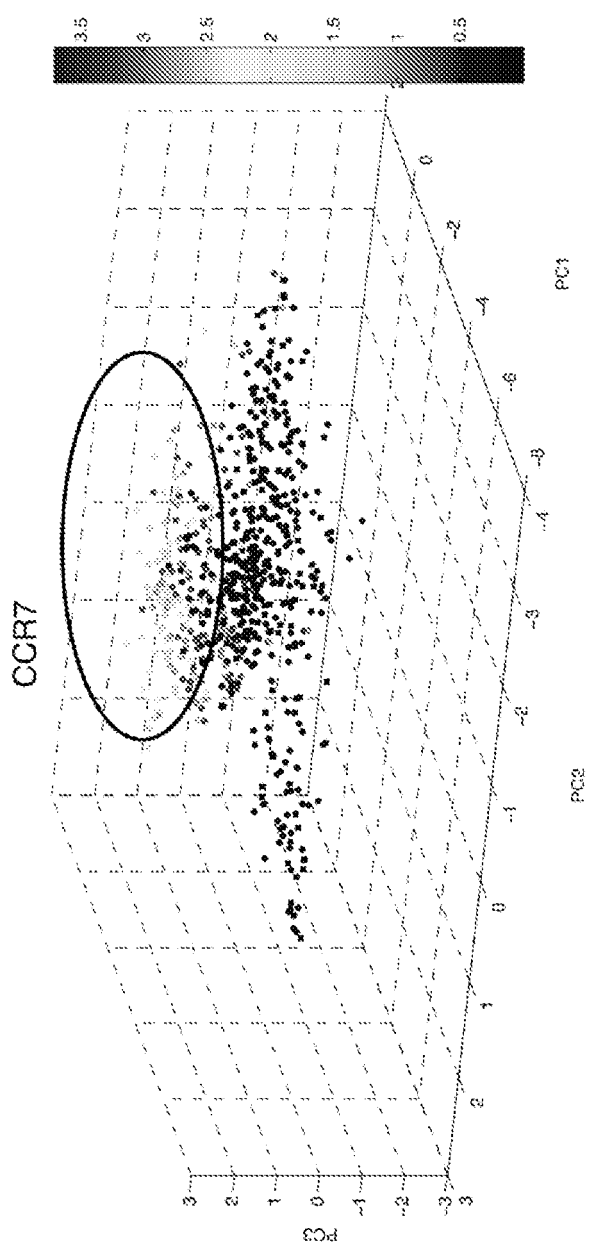


FIG. 36B

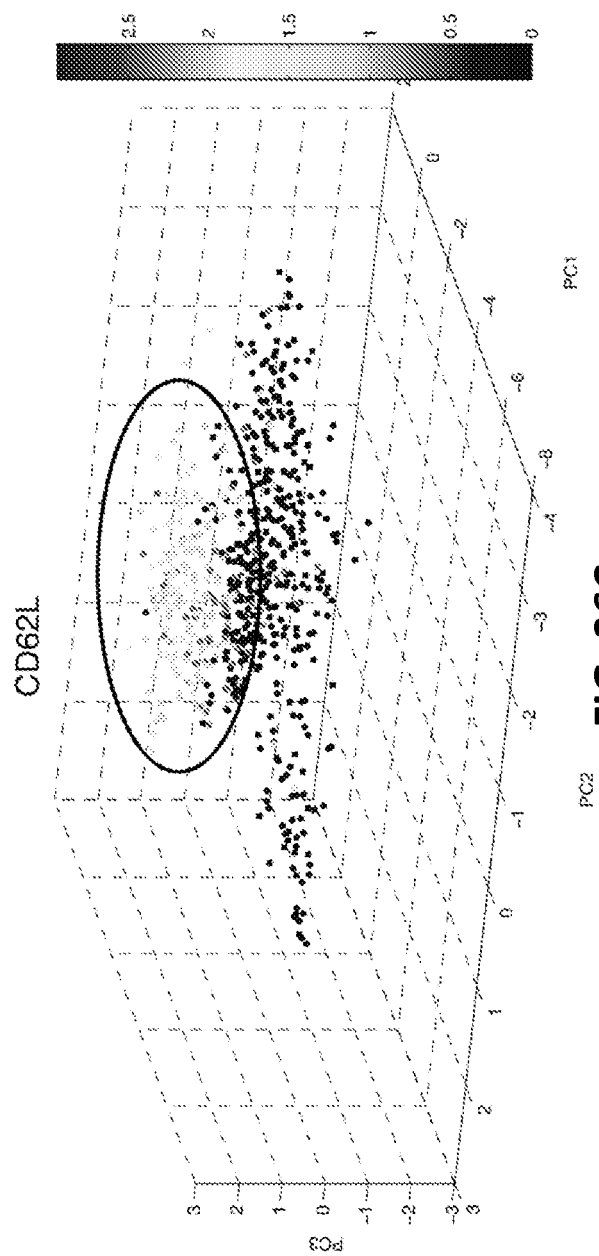
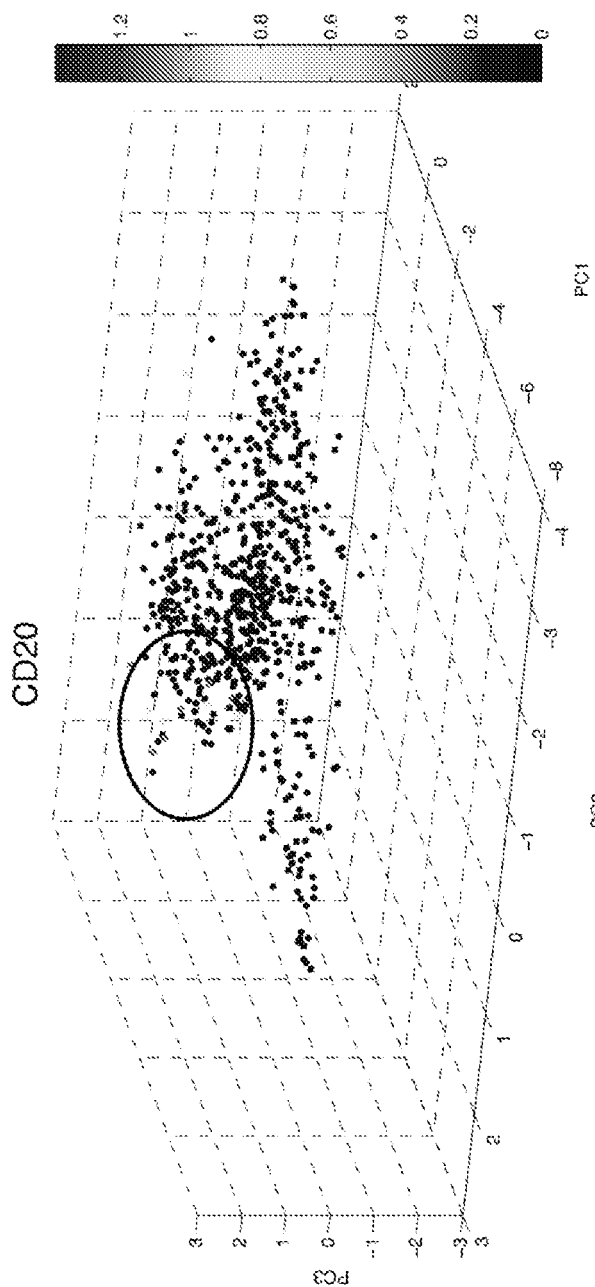
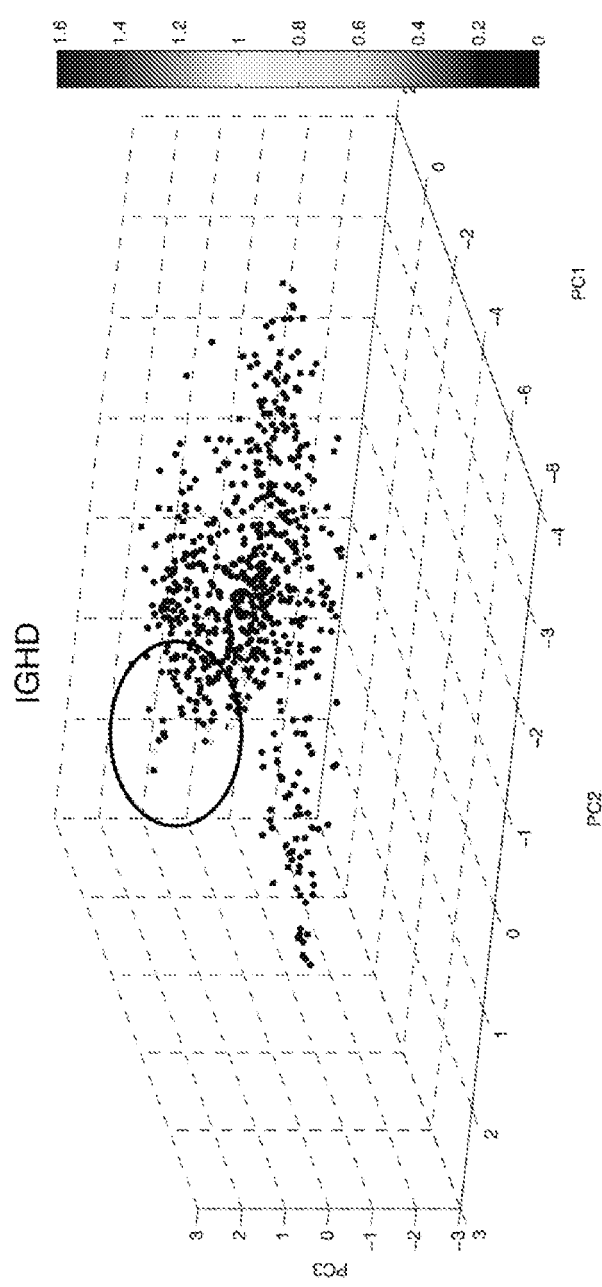
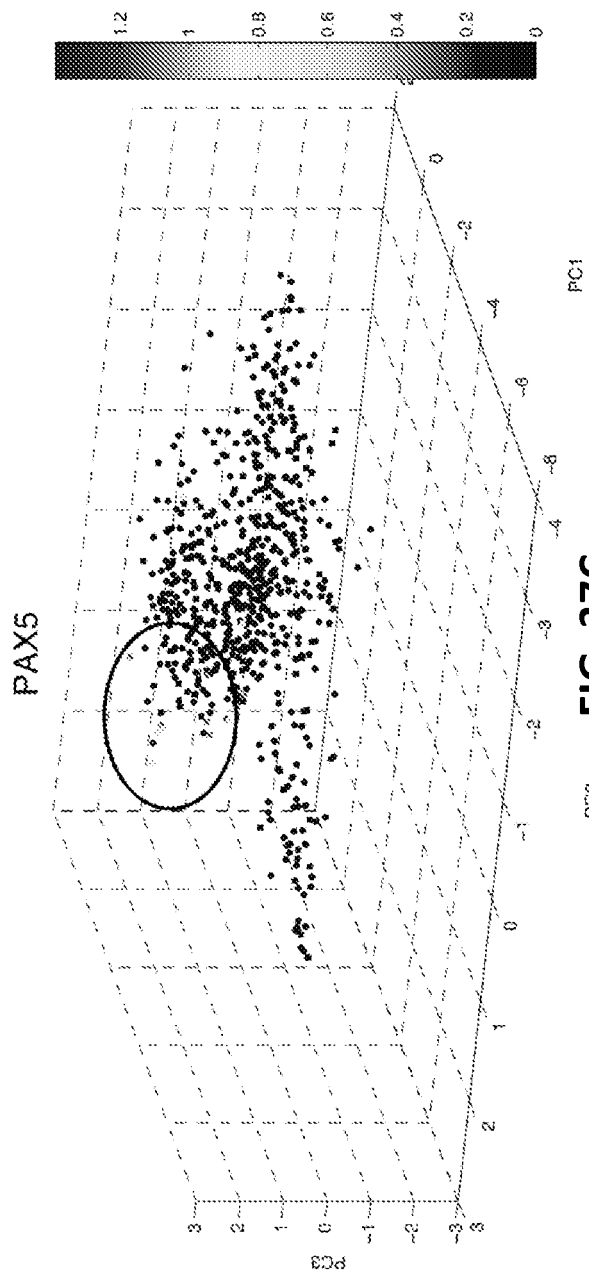
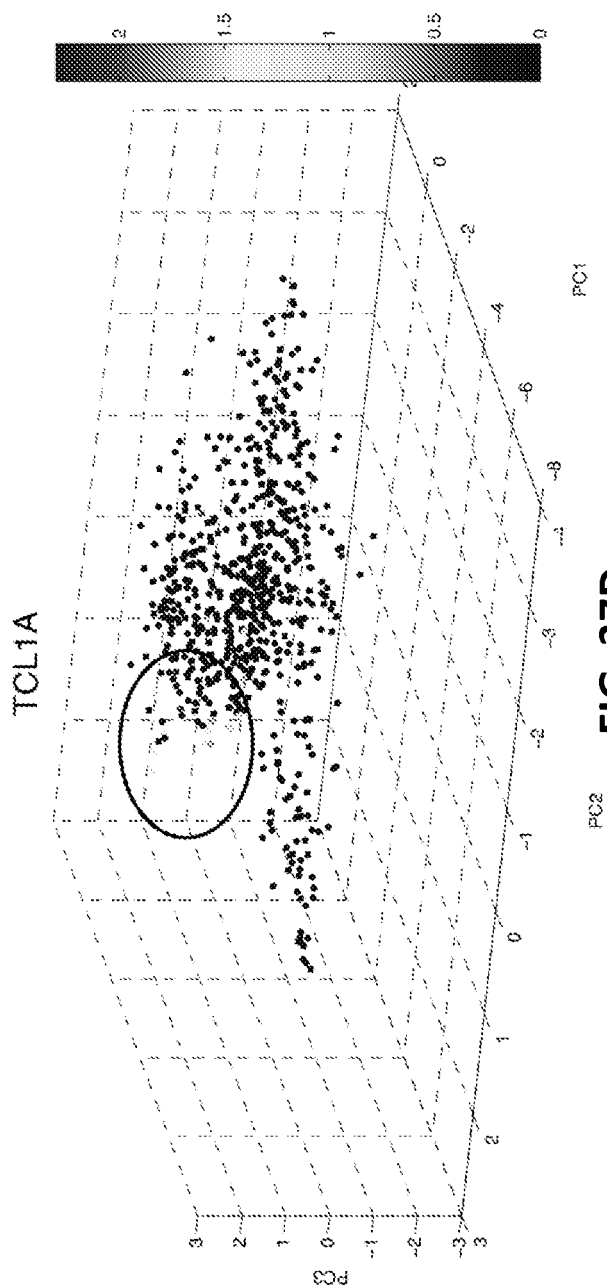


FIG. 36C





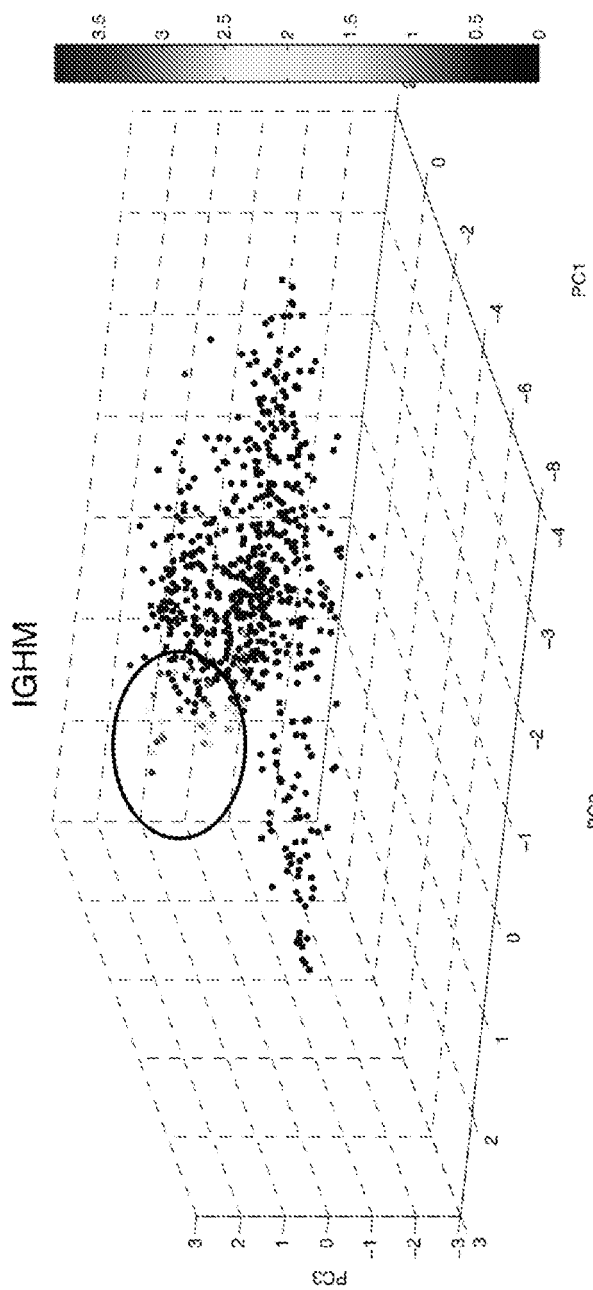


FIG. 37E

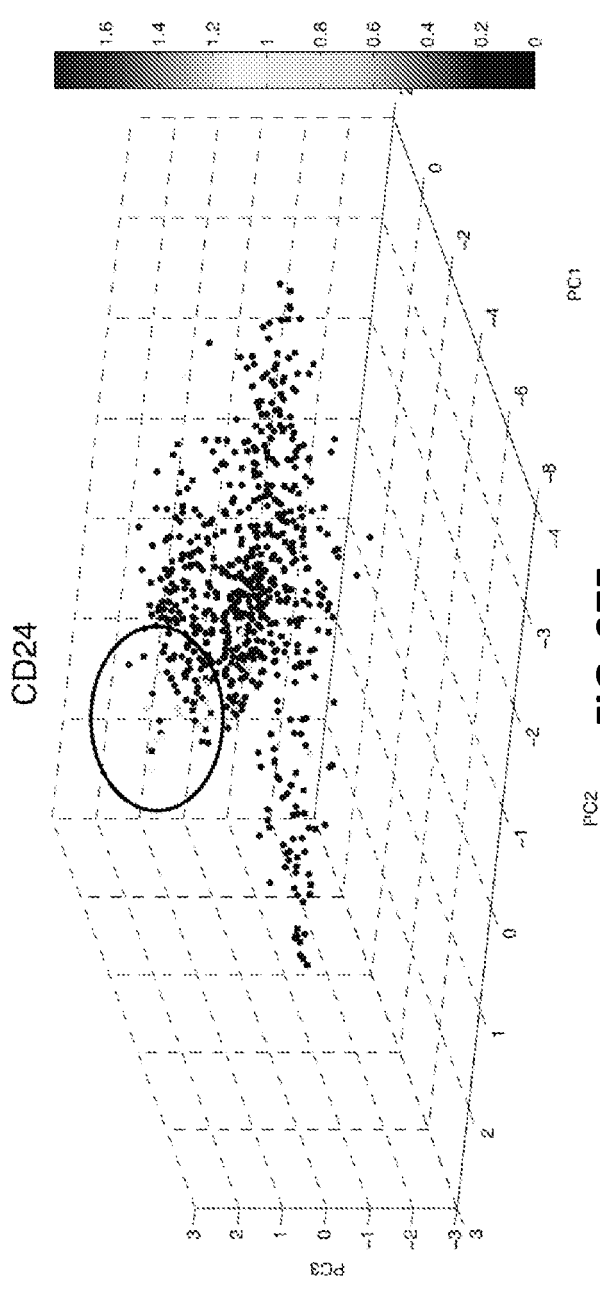
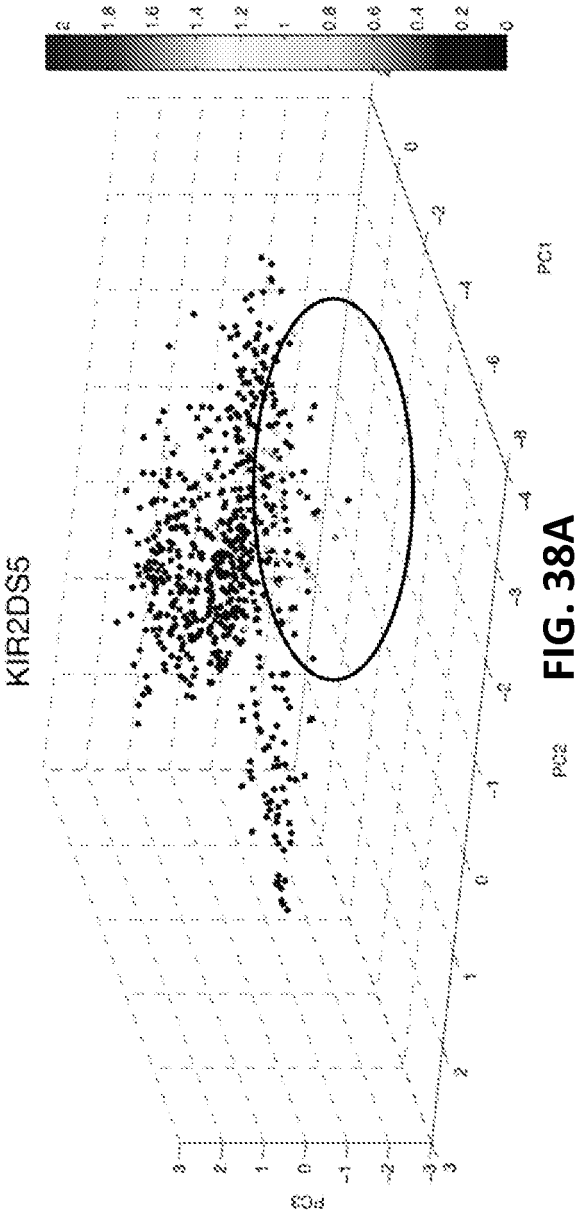
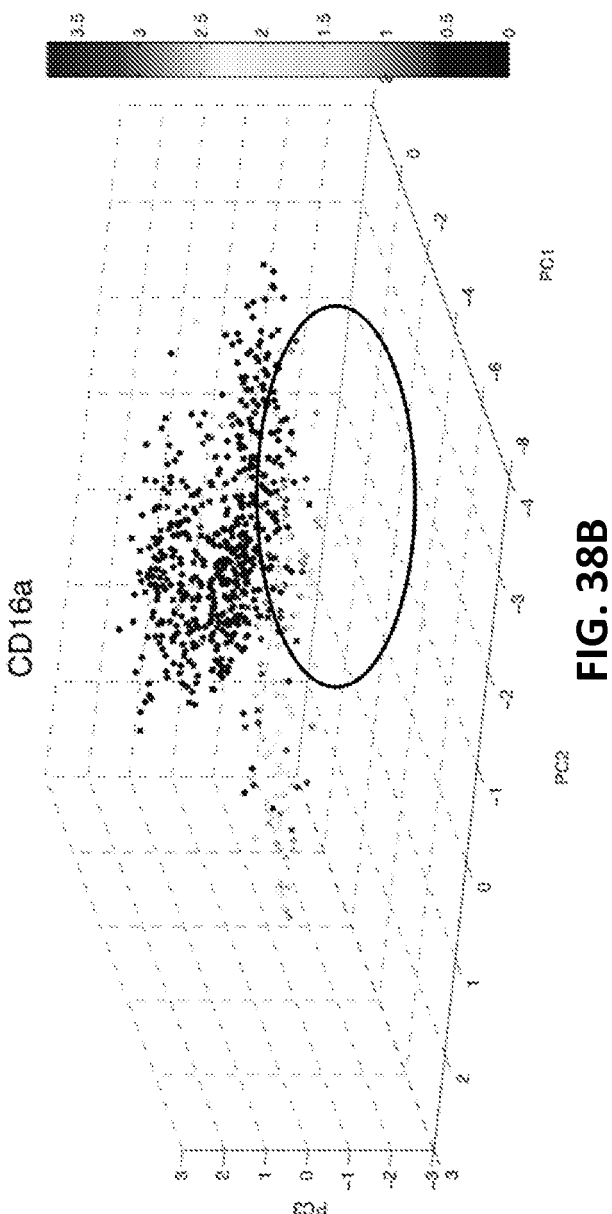


FIG. 37F



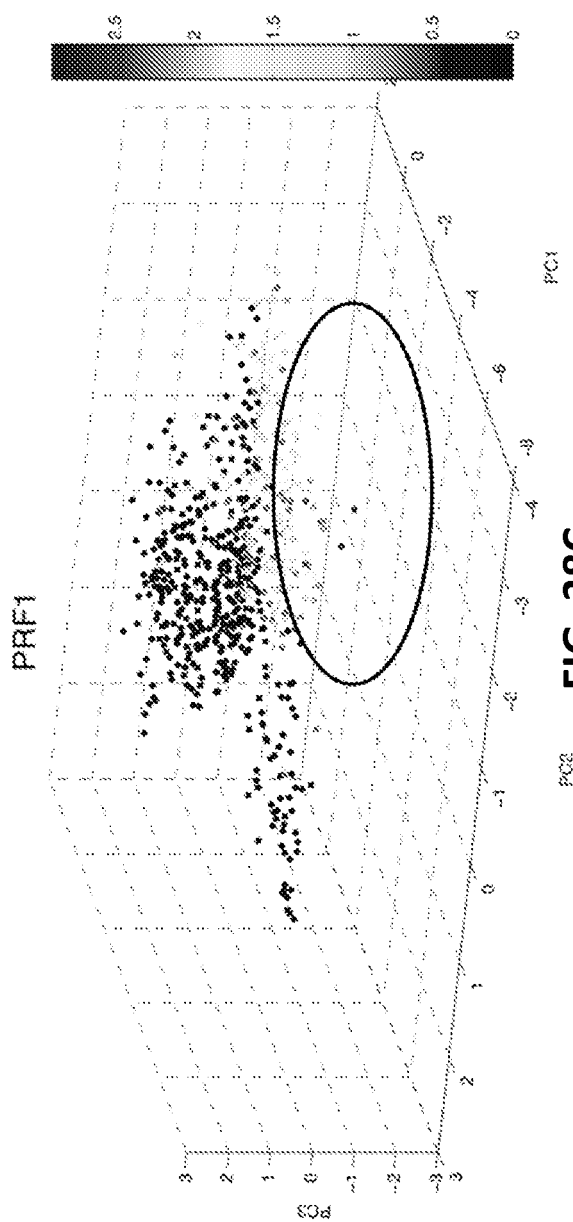


FIG. 38C

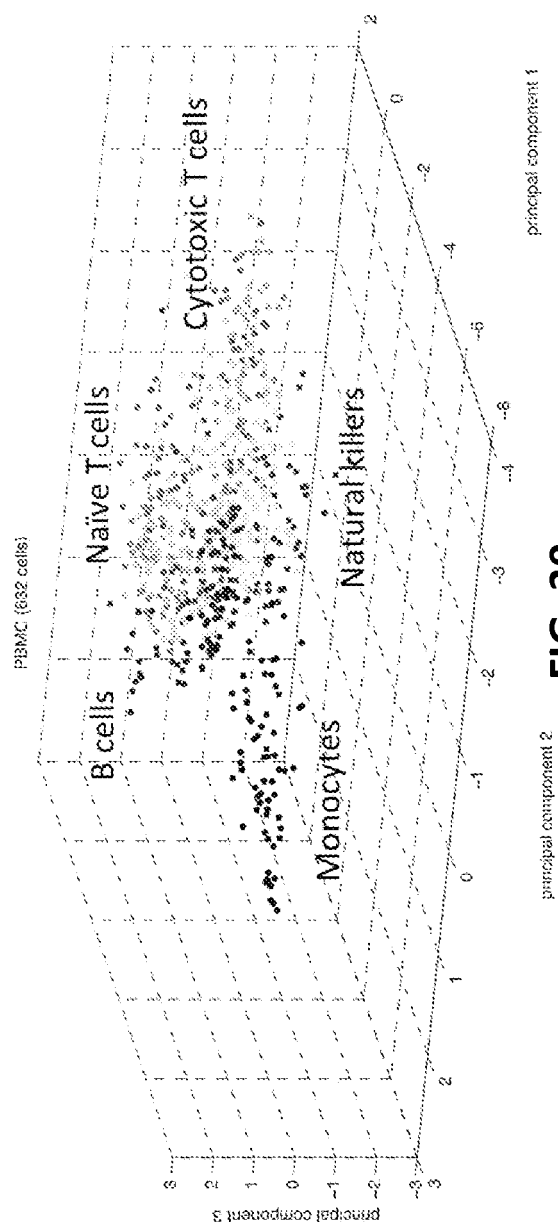


FIG. 39

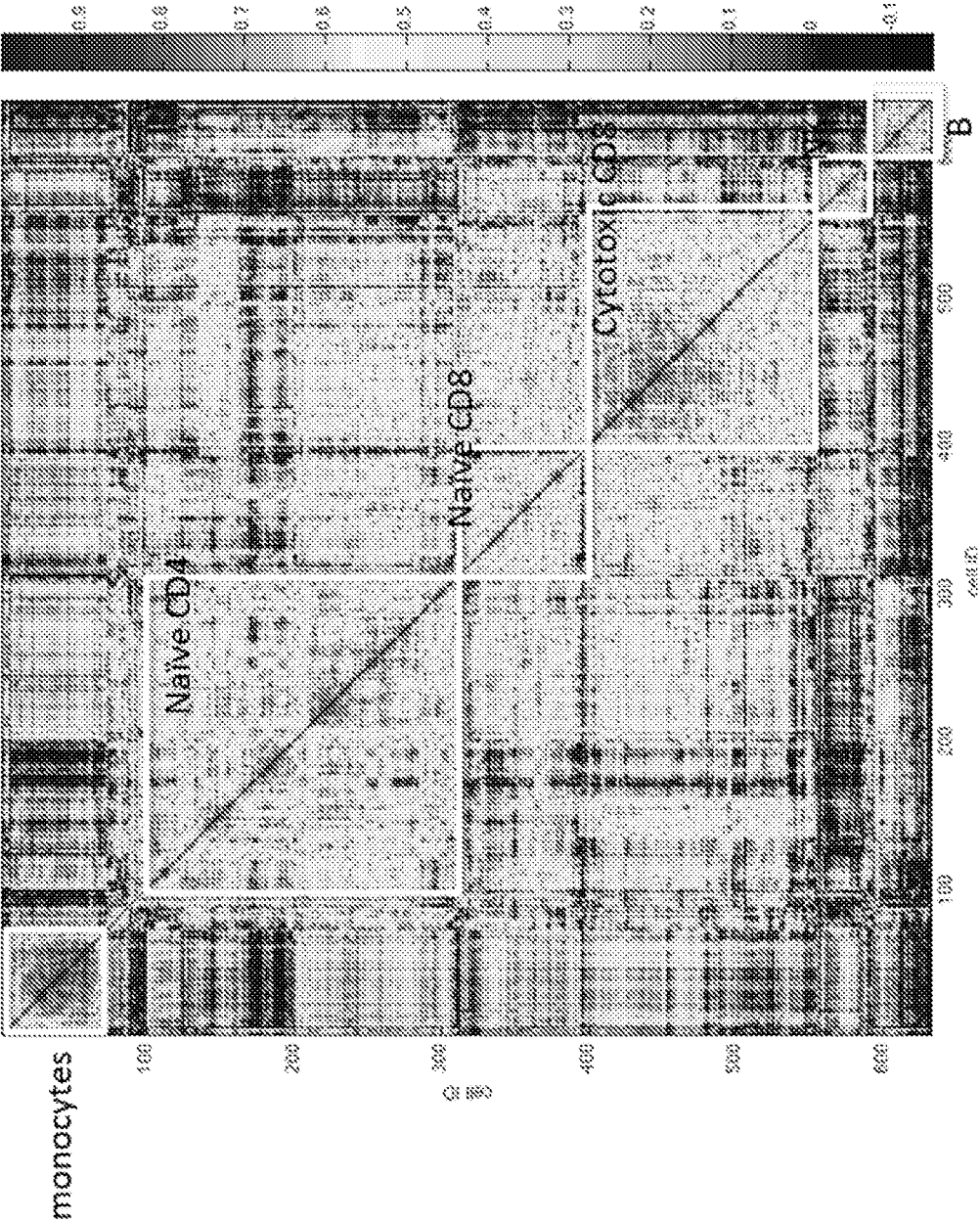


FIG. 40A

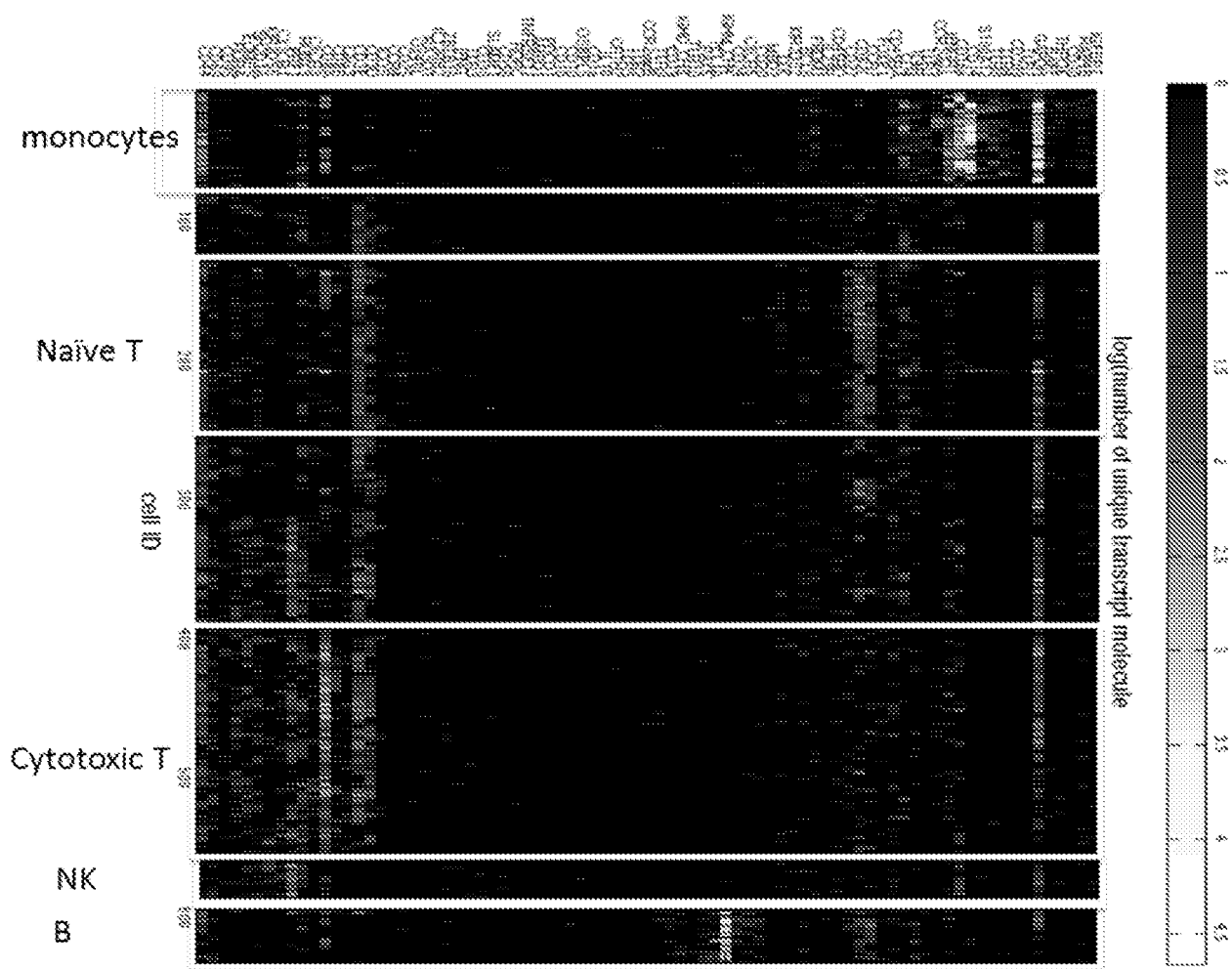


FIG. 40B

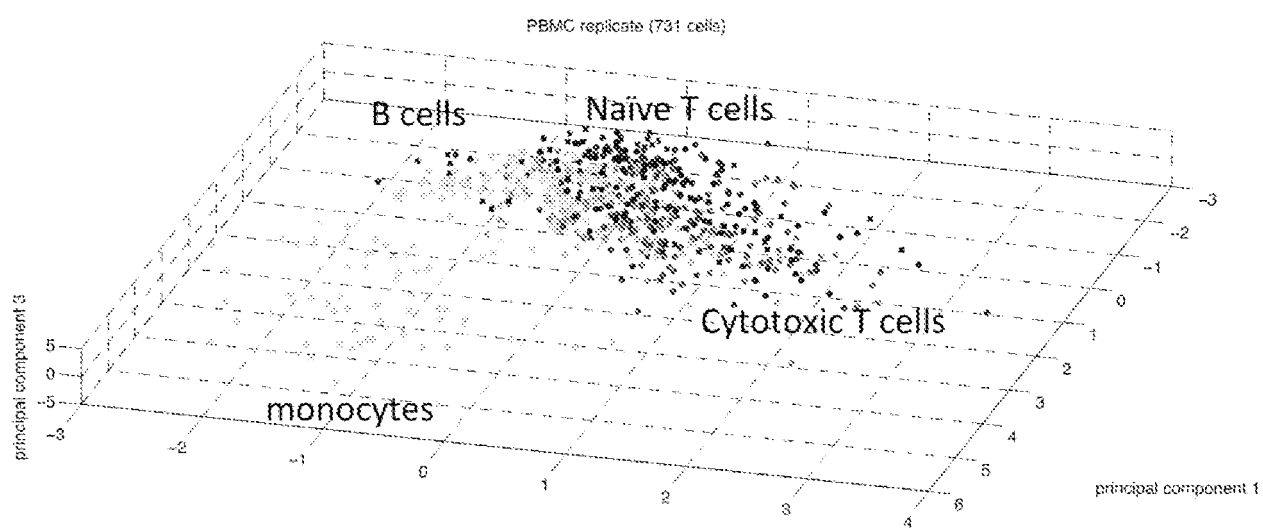


FIG. 41

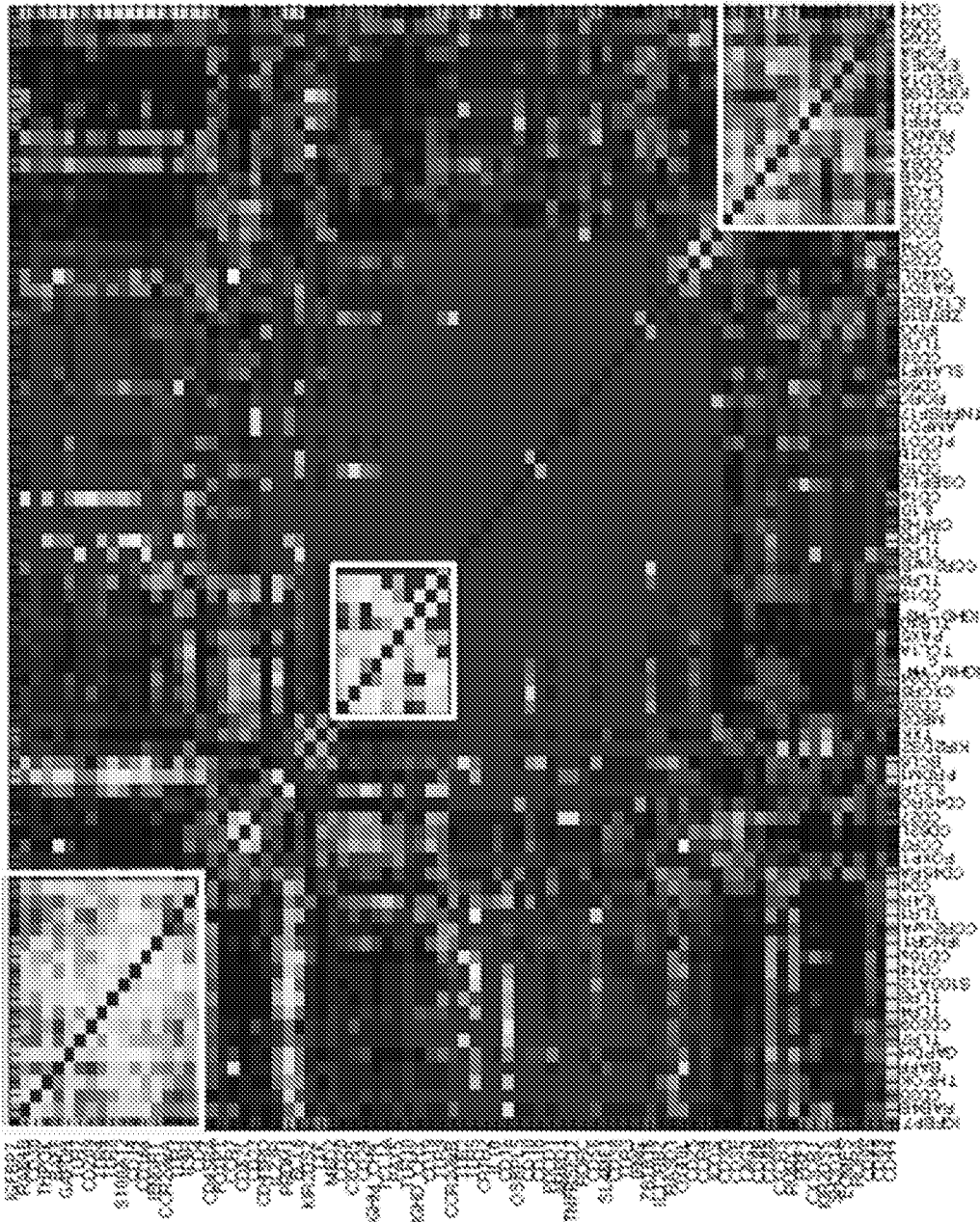


FIG. 42

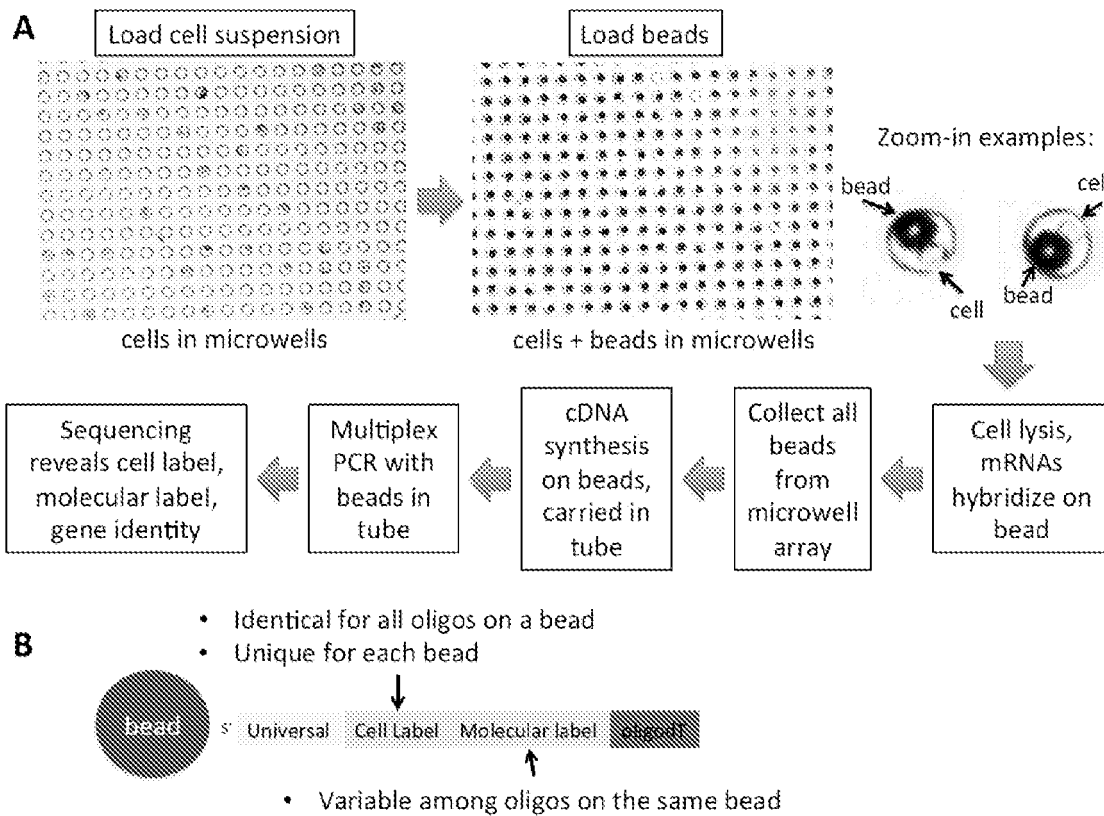


FIG. 43

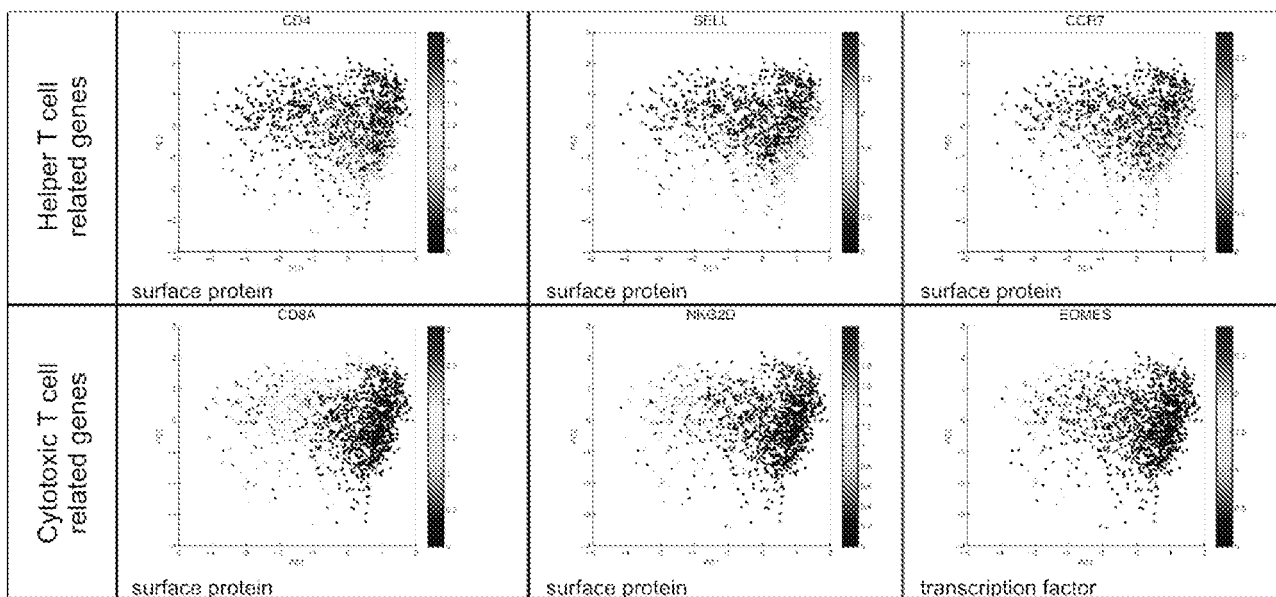


FIG. 44A

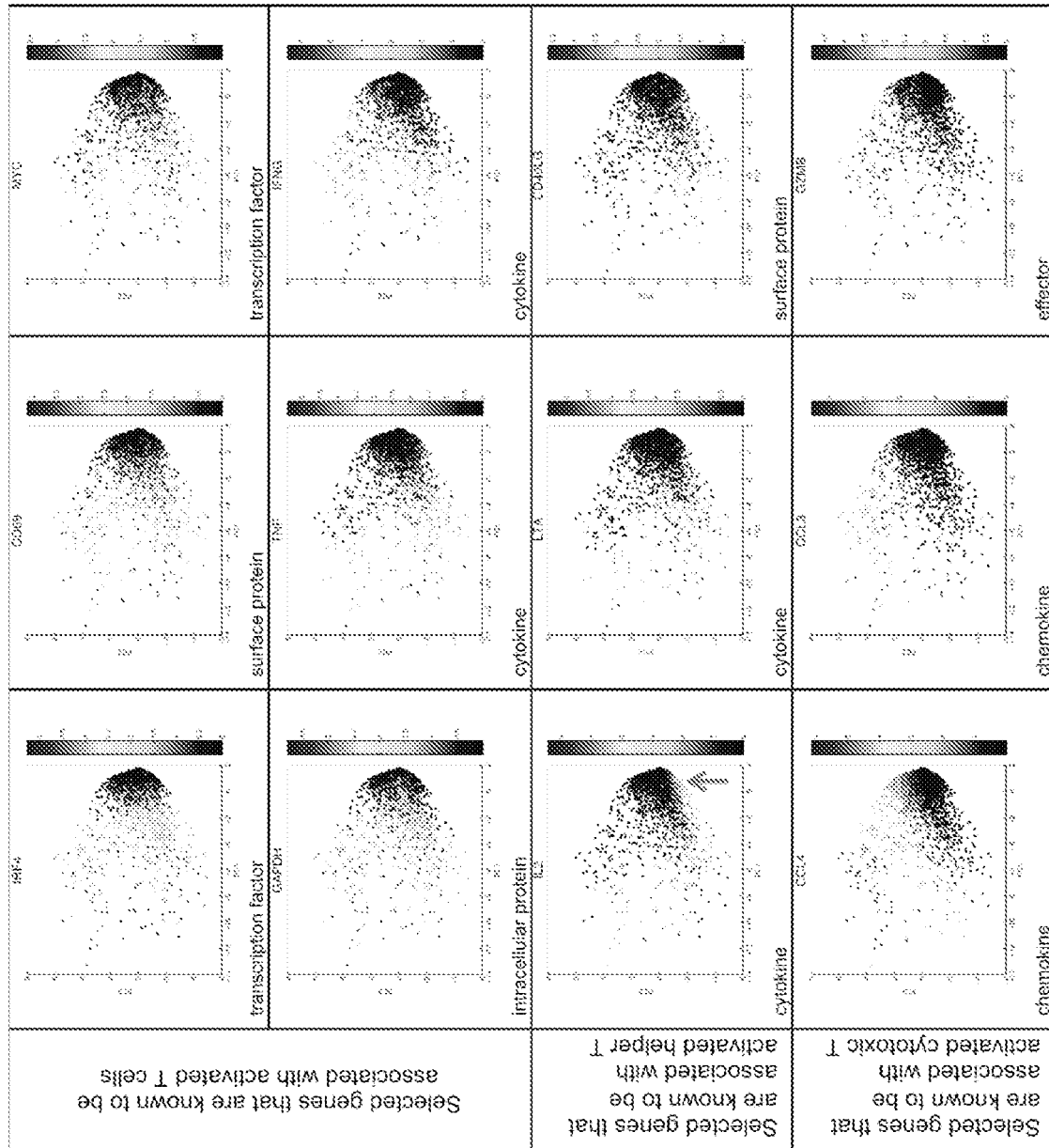


FIG. 44B

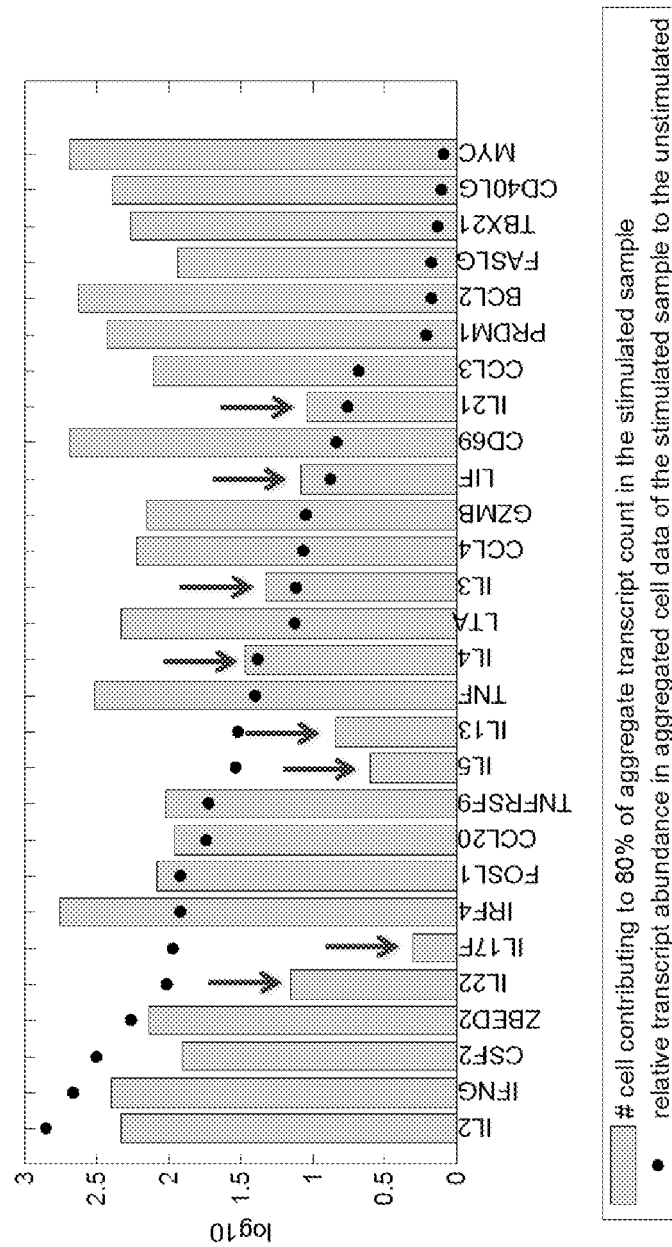


FIG. 44C

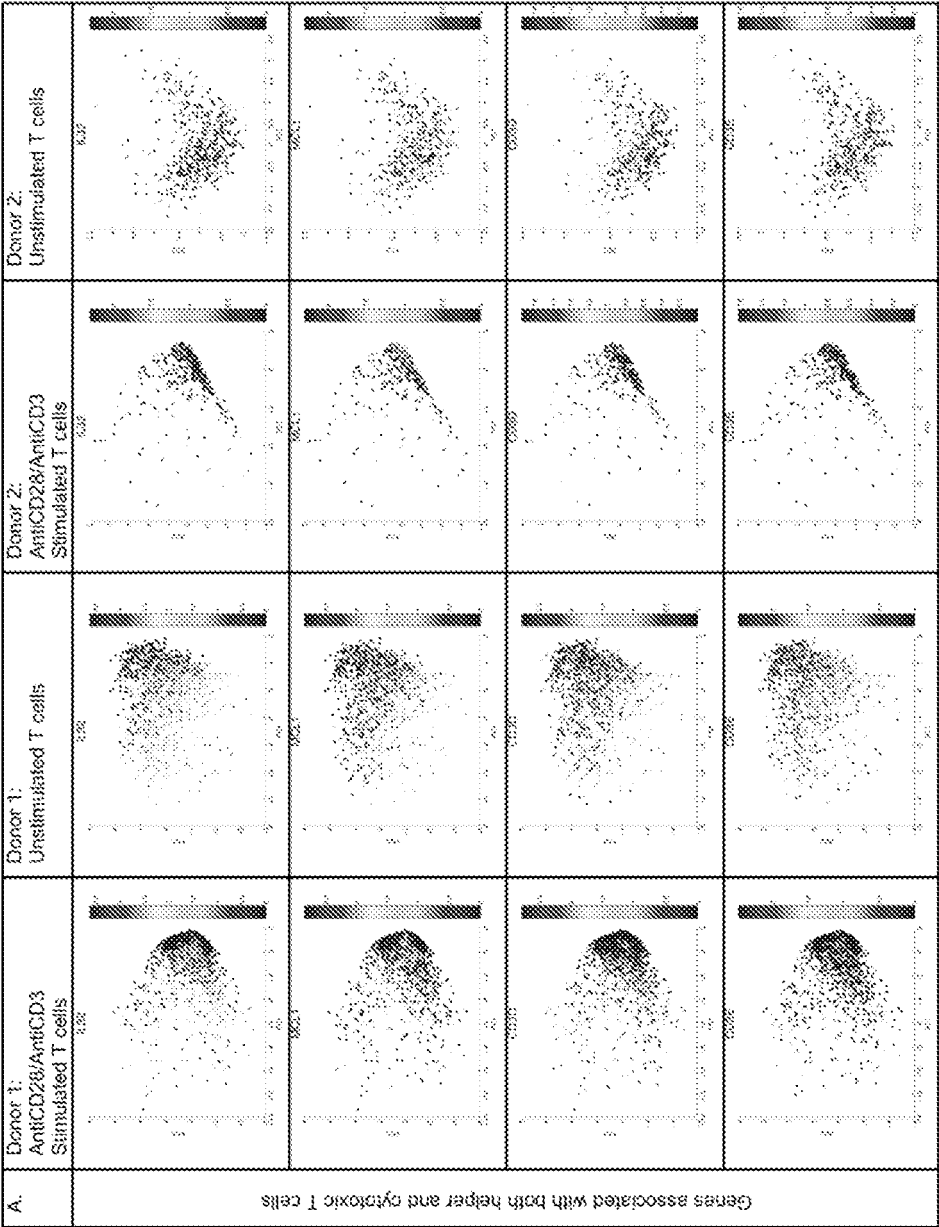


FIG. 45A

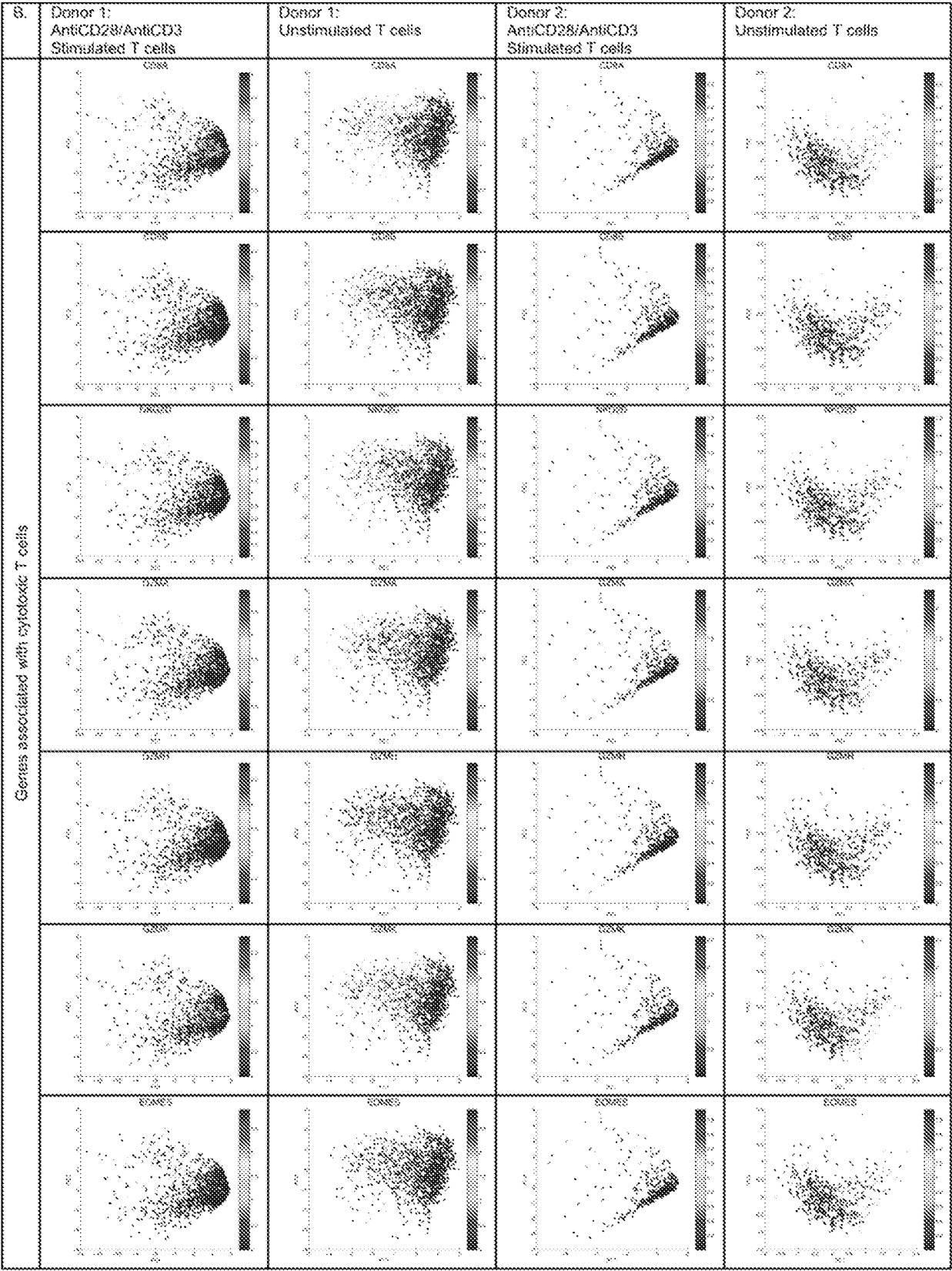


FIG. 45B

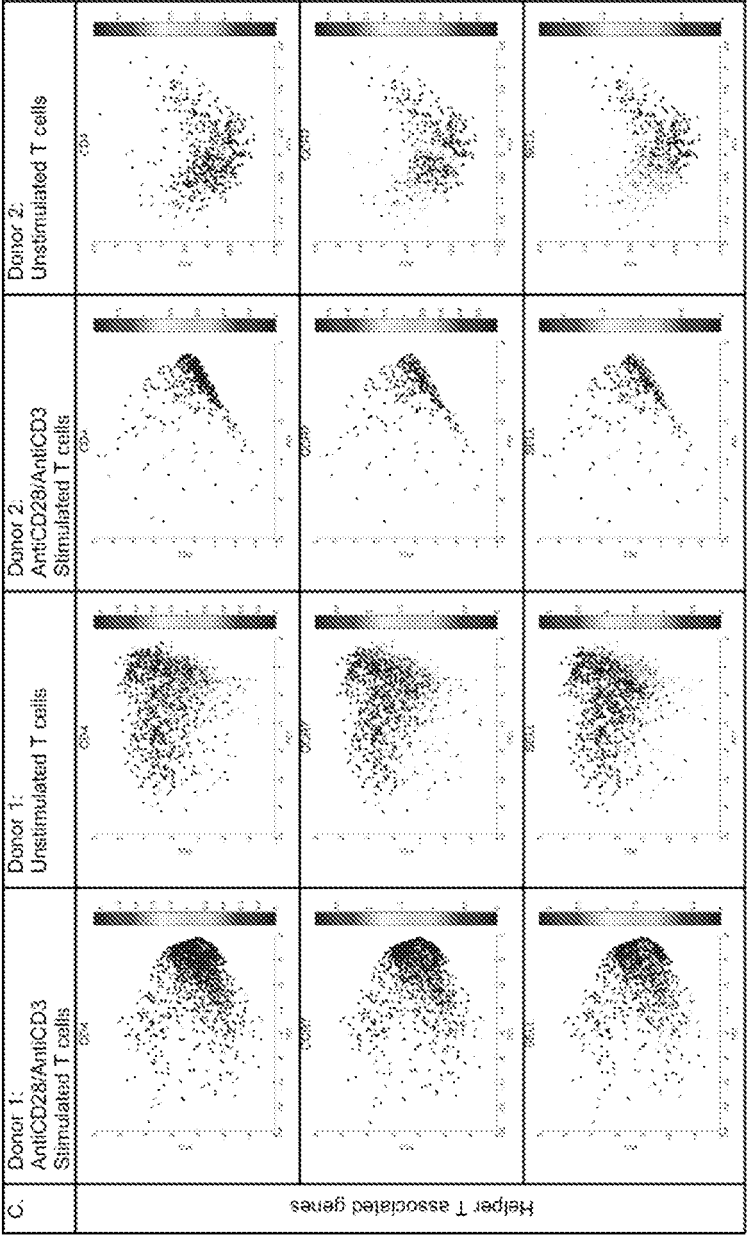
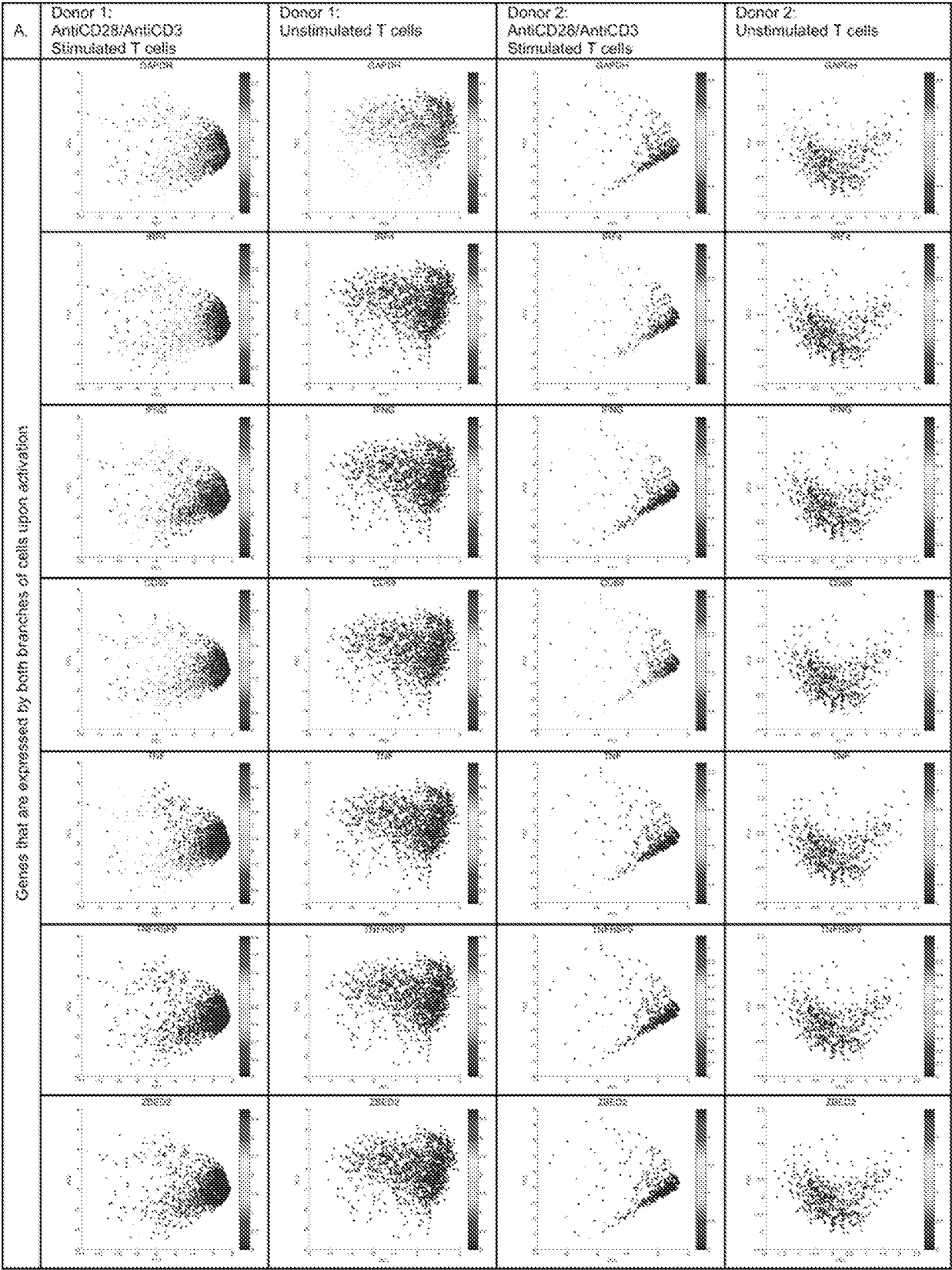


FIG. 45C



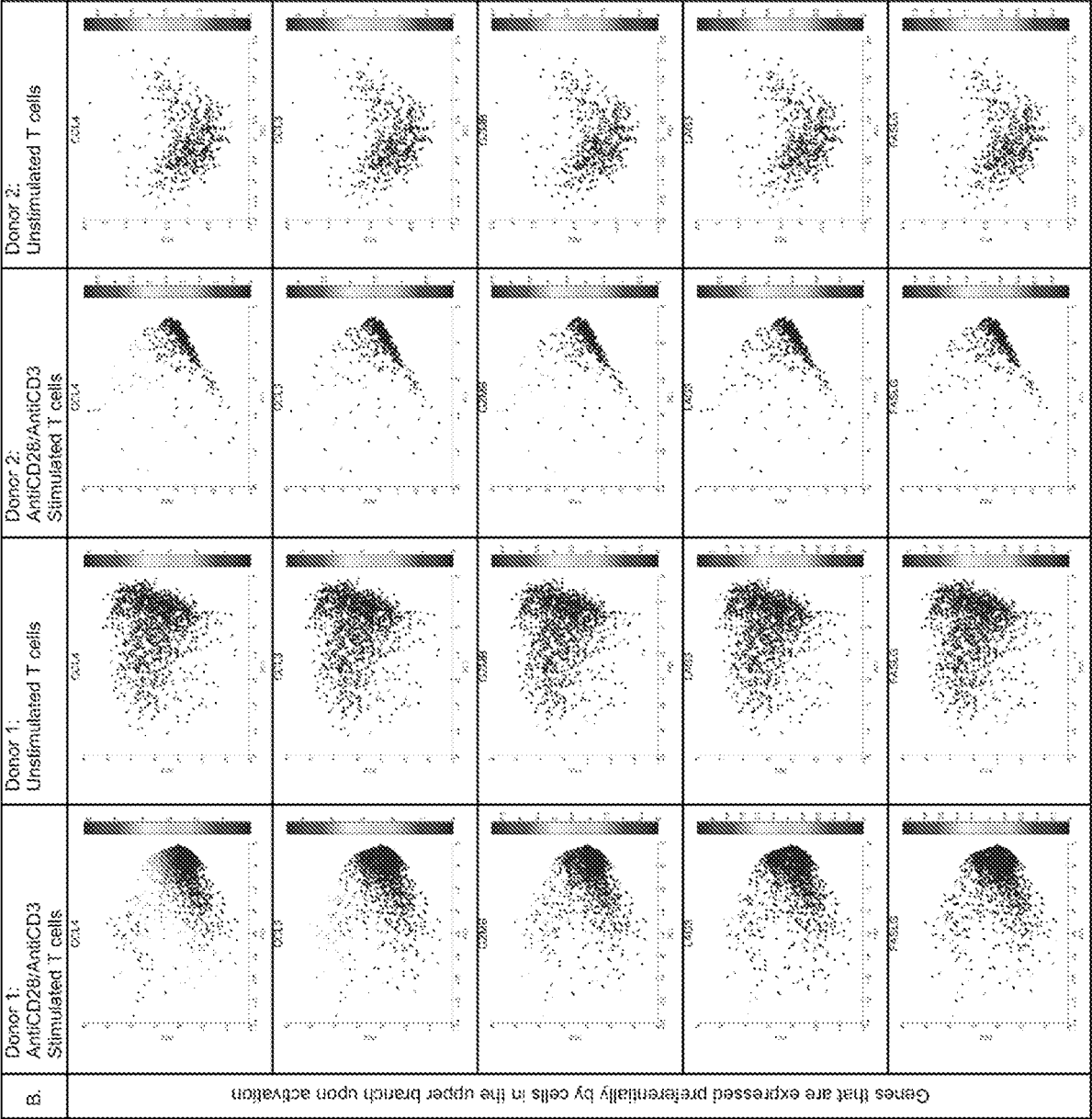


FIG. 46B

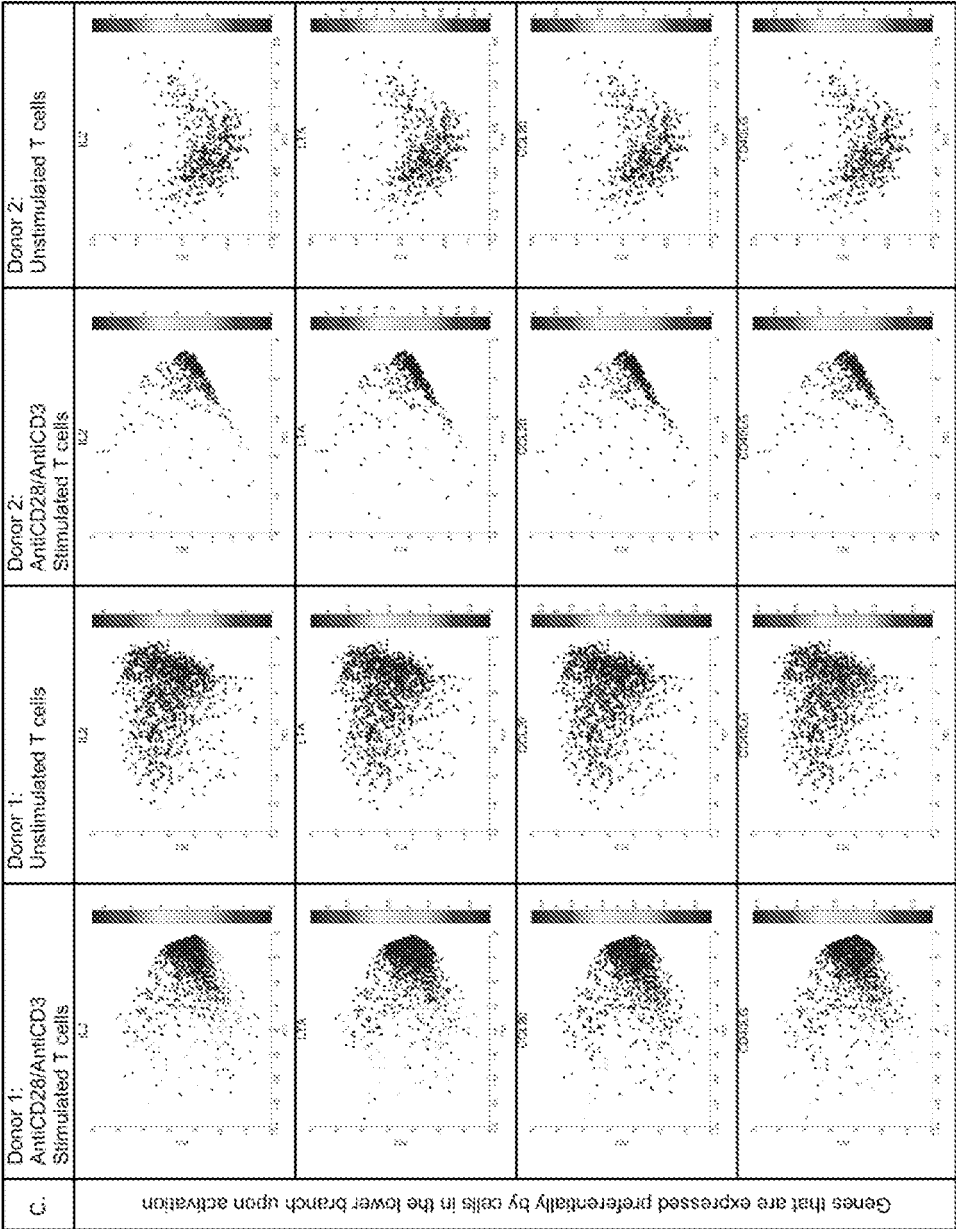


FIG. 46C

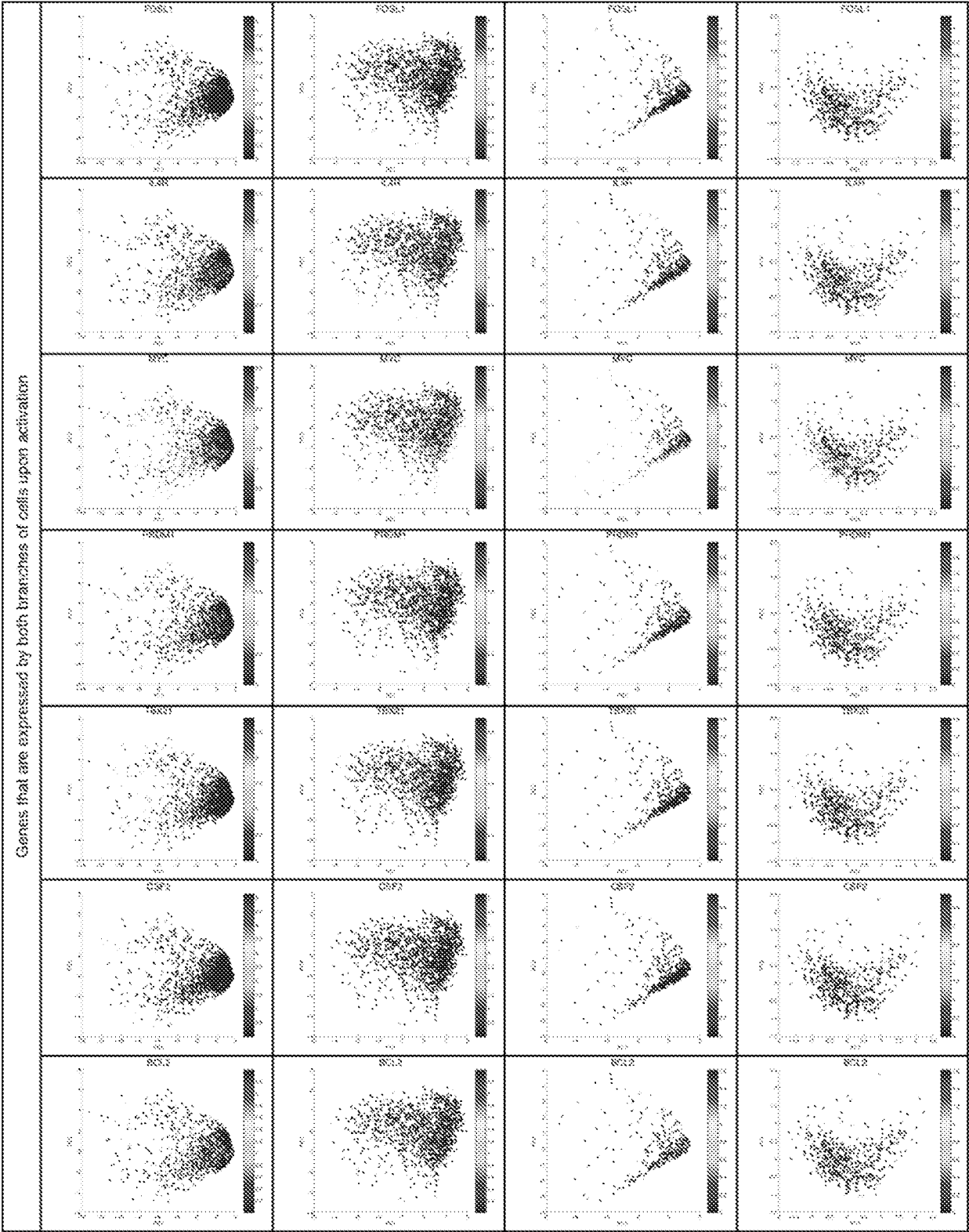


FIG. 46D

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Donor 1 unstimulated CD3+ T cells

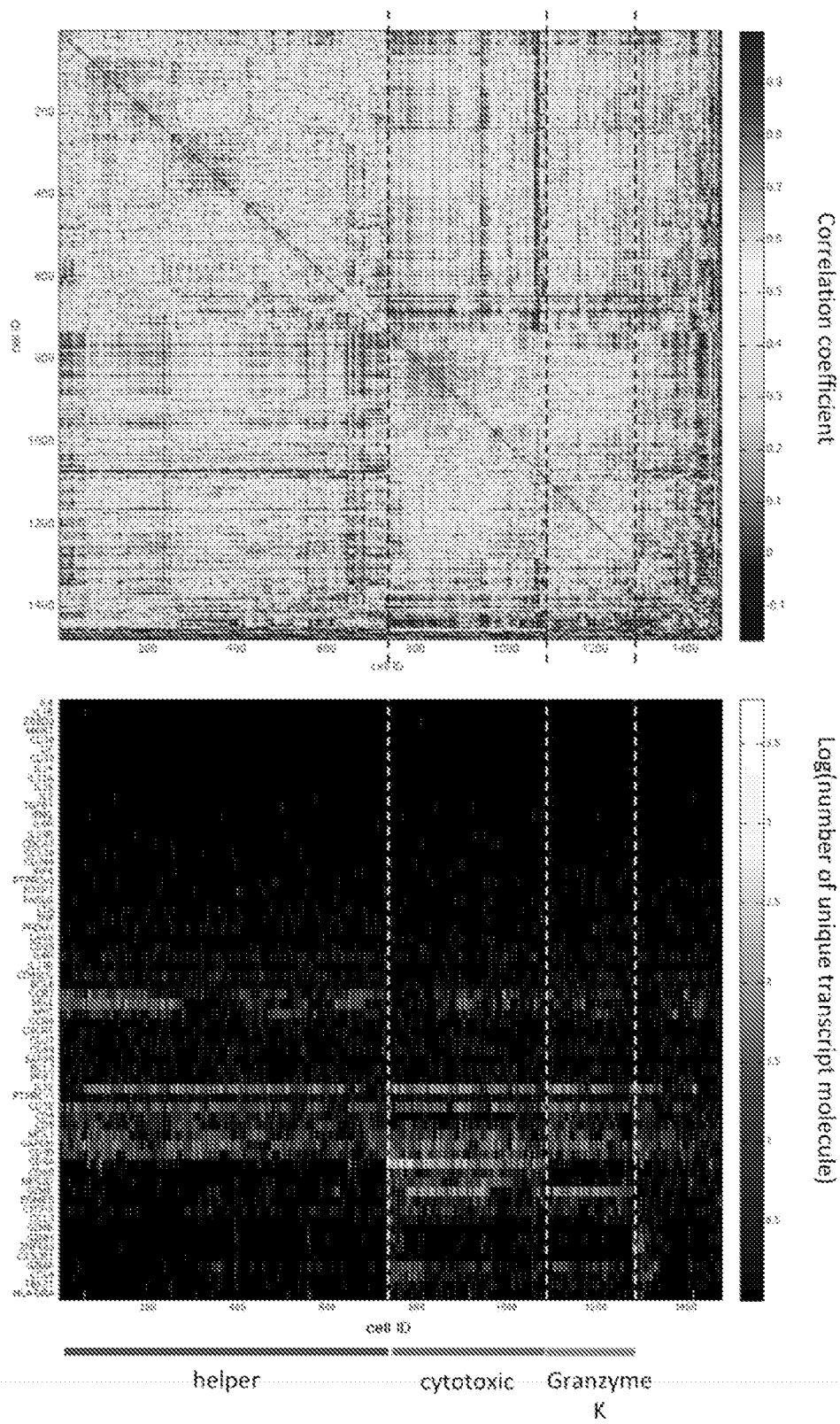


FIG. 47

Donor 1 antiCD28-antiCD3 stimulated CD3+ T cells

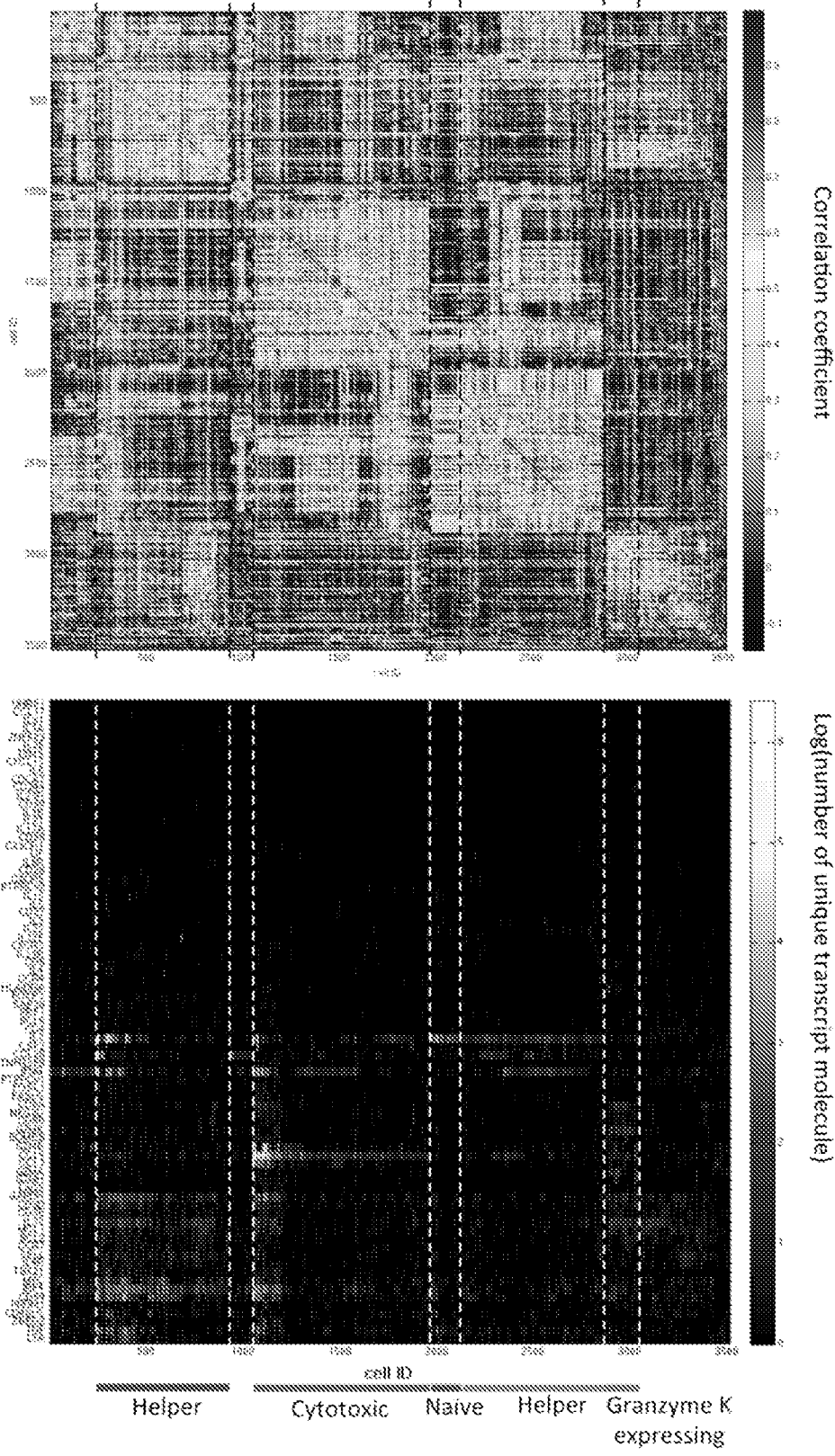


FIG. 48

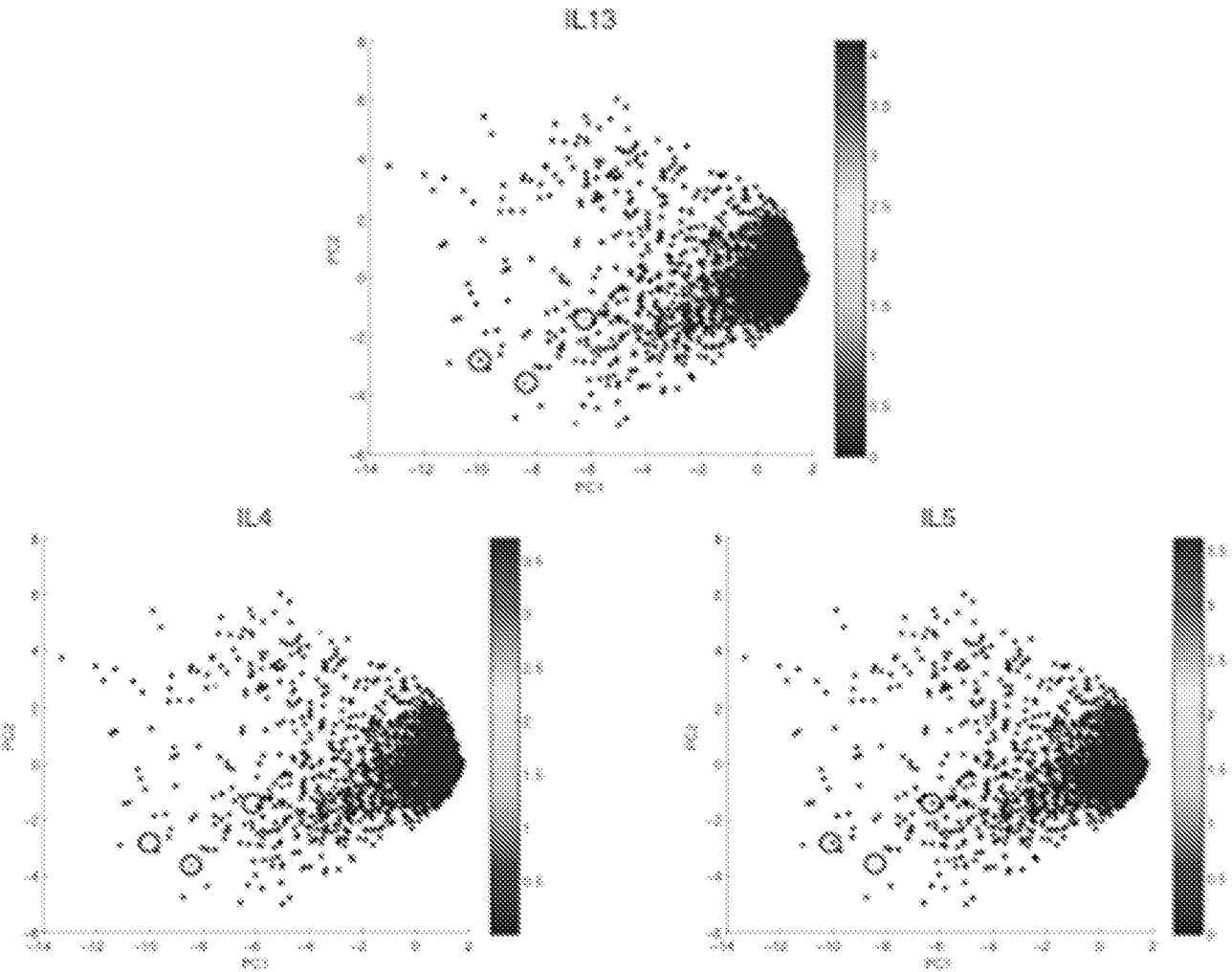
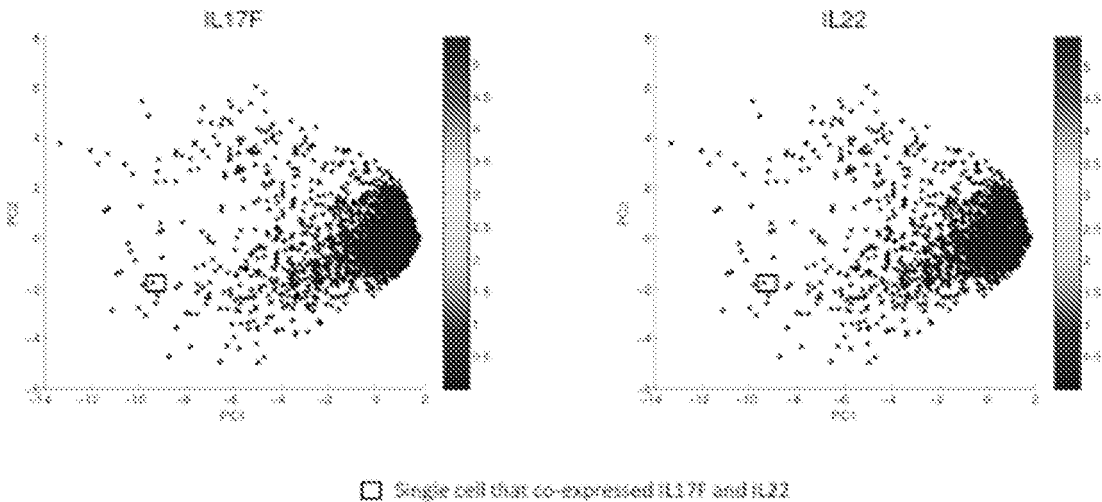


FIG. 49A ○ Cells that co-expressed IL4, IL5, IL13



□ Single cell that co-expressed IL17F and IL22

FIG. 49B

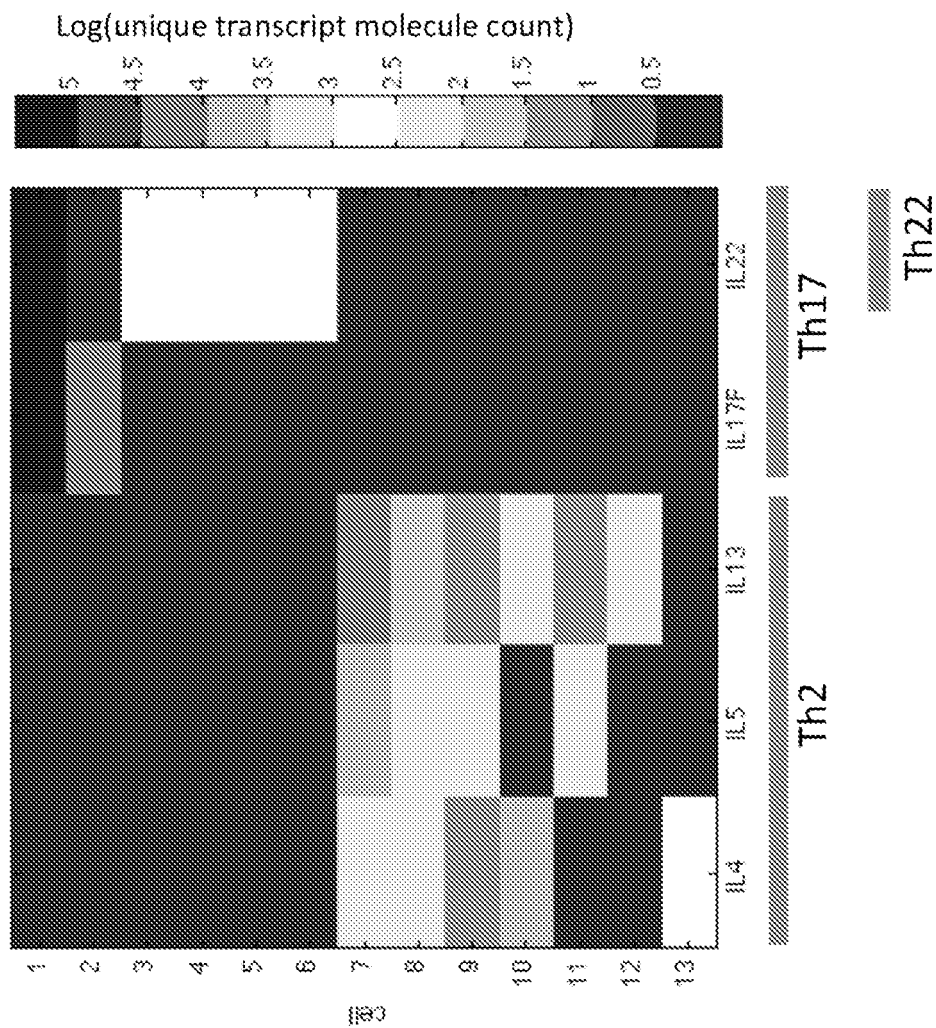


FIG. 49C

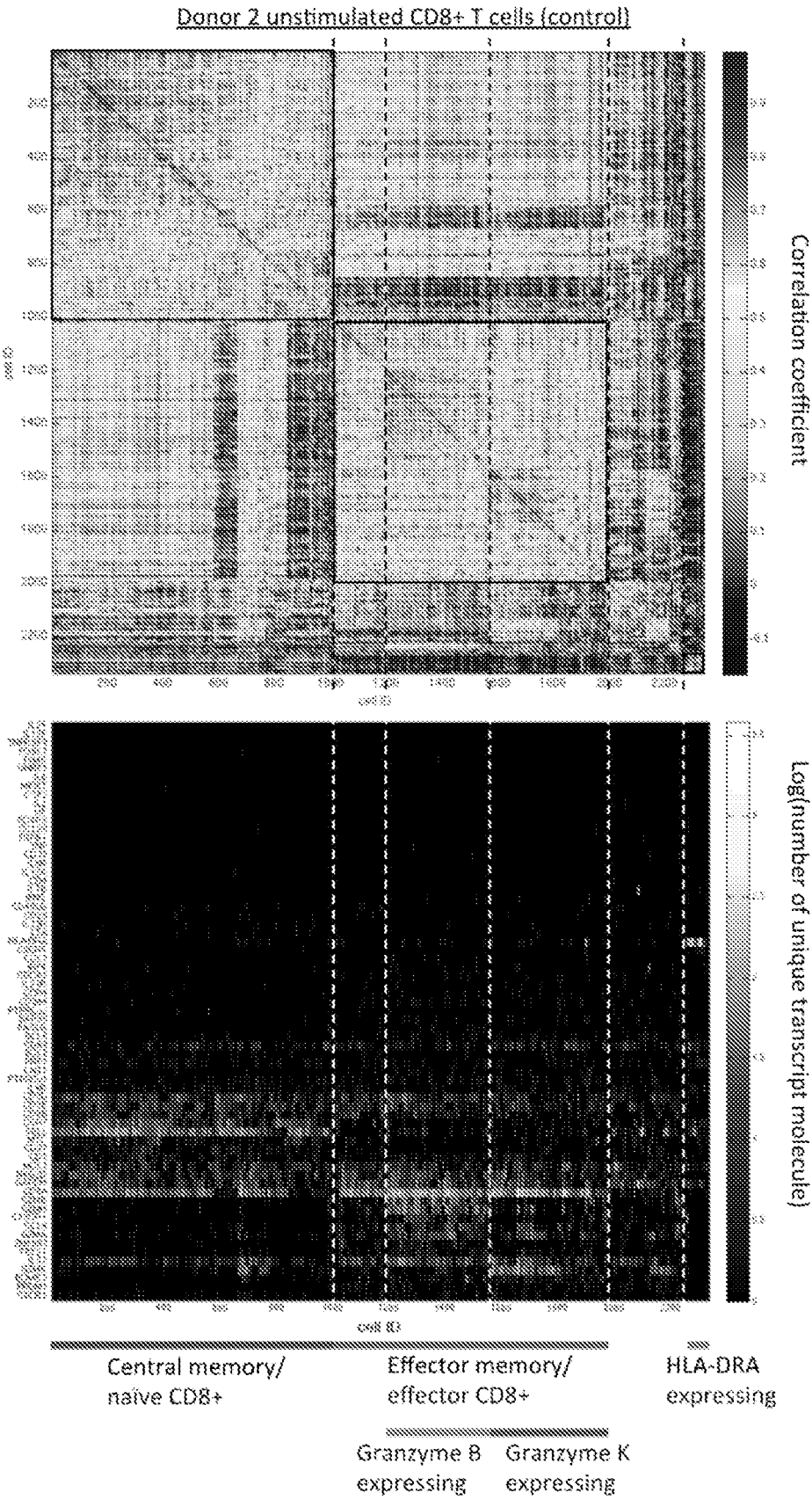


FIG. 50A

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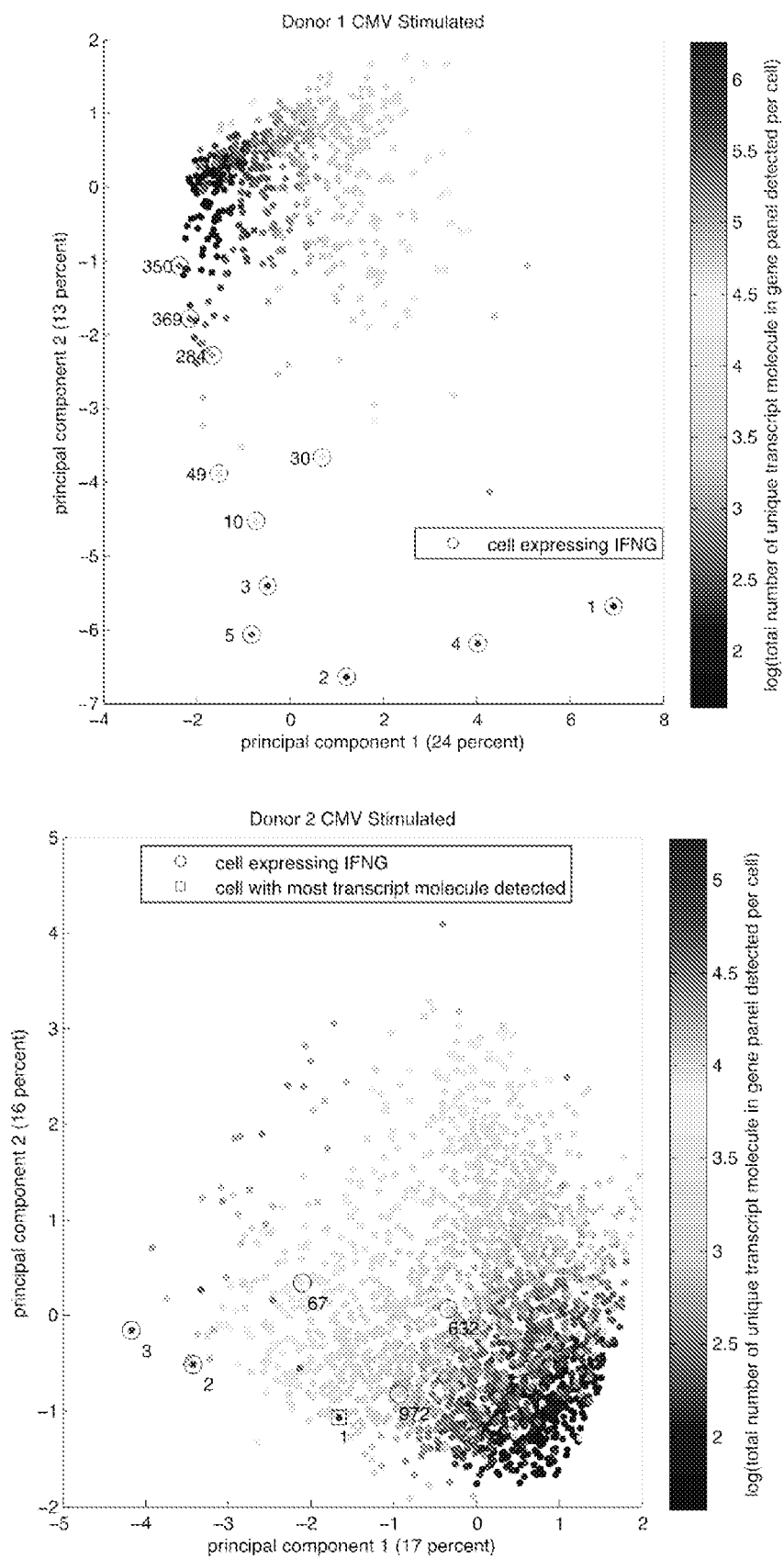


FIG. 50B

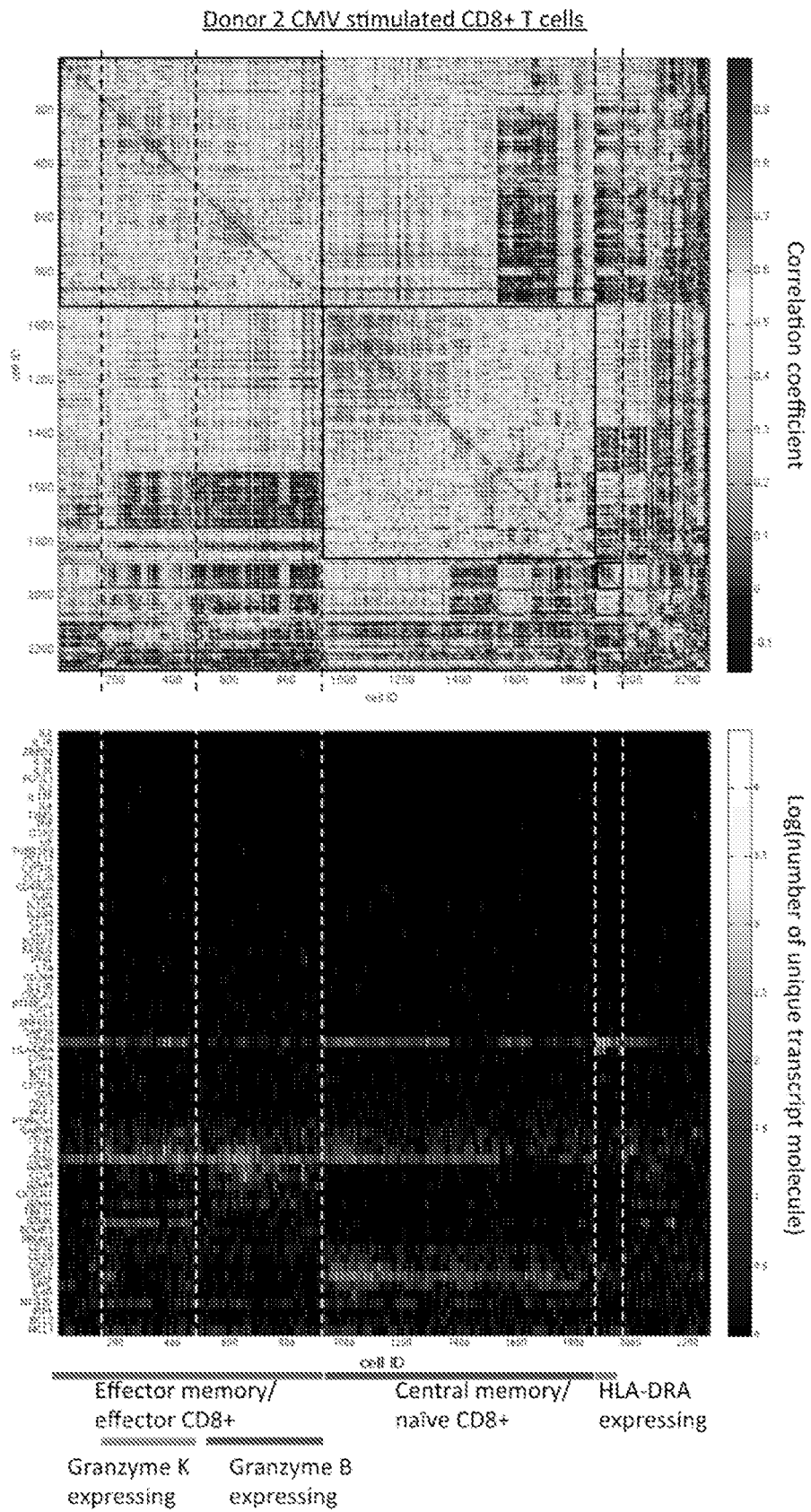


FIG. 51

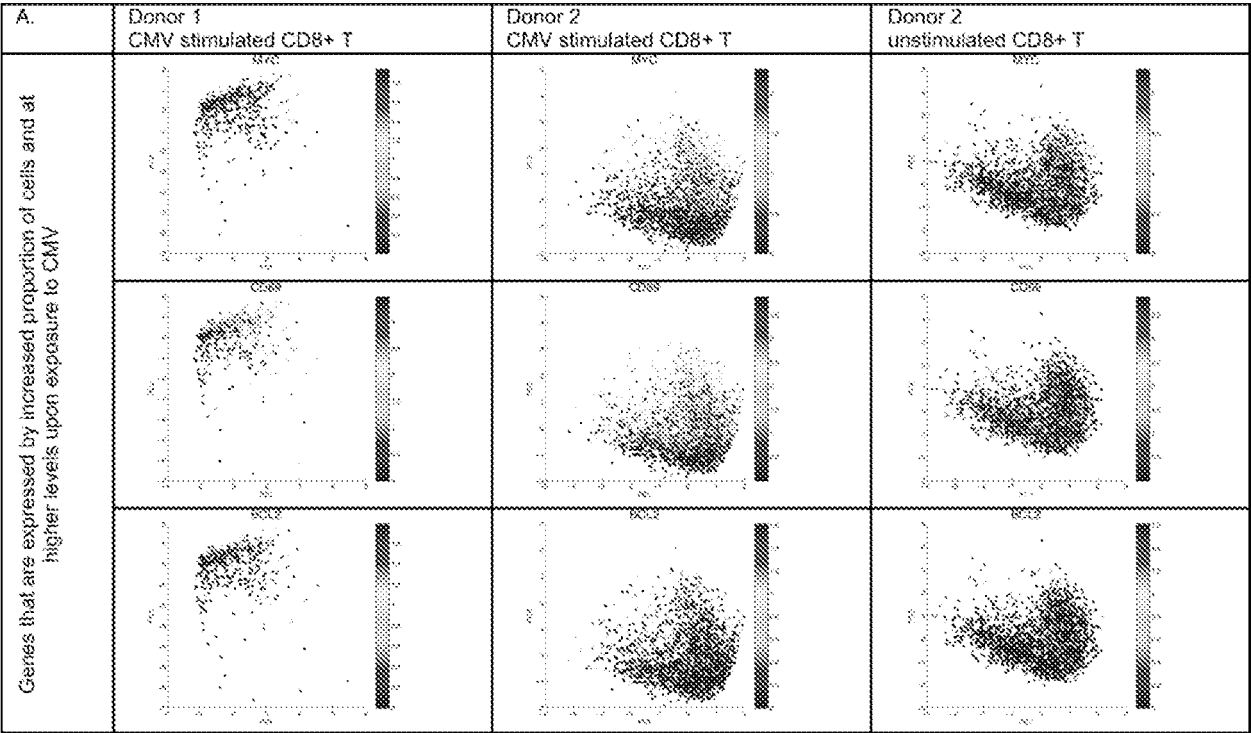


FIG. 52A

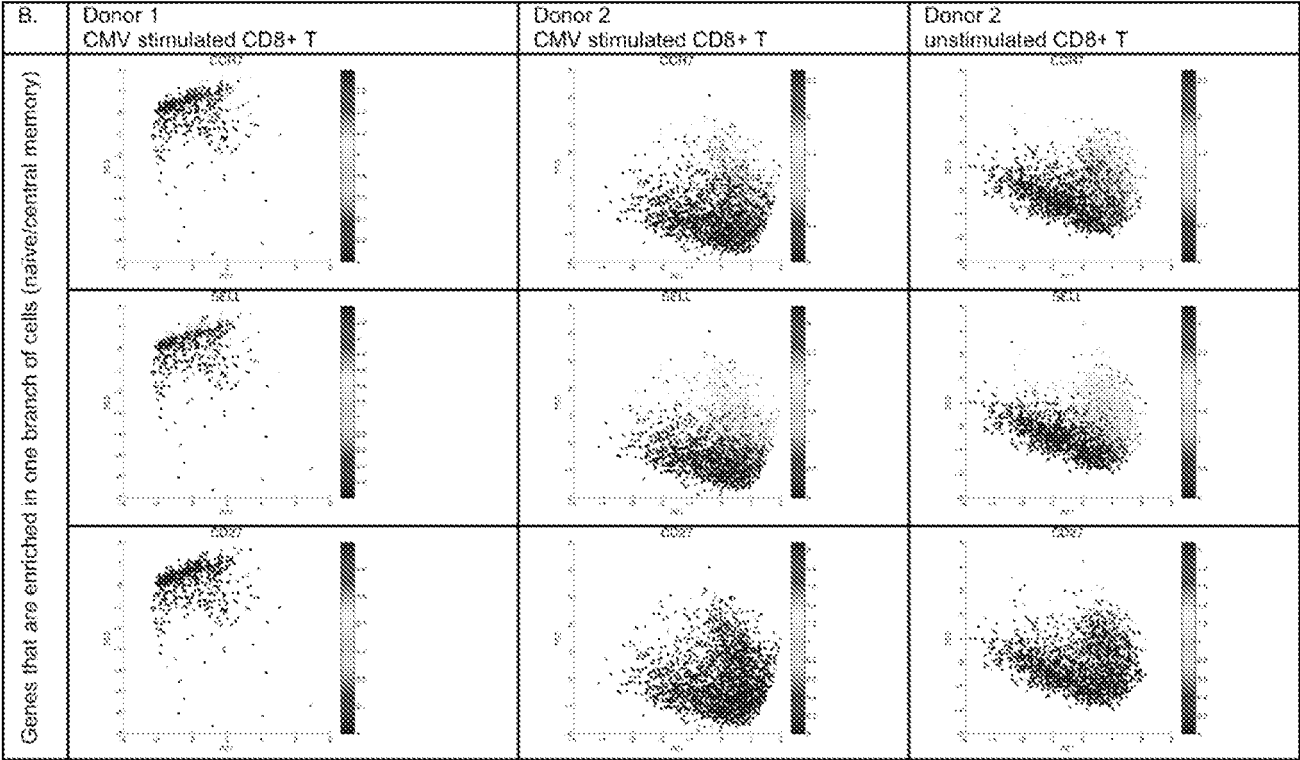


FIG. 52B

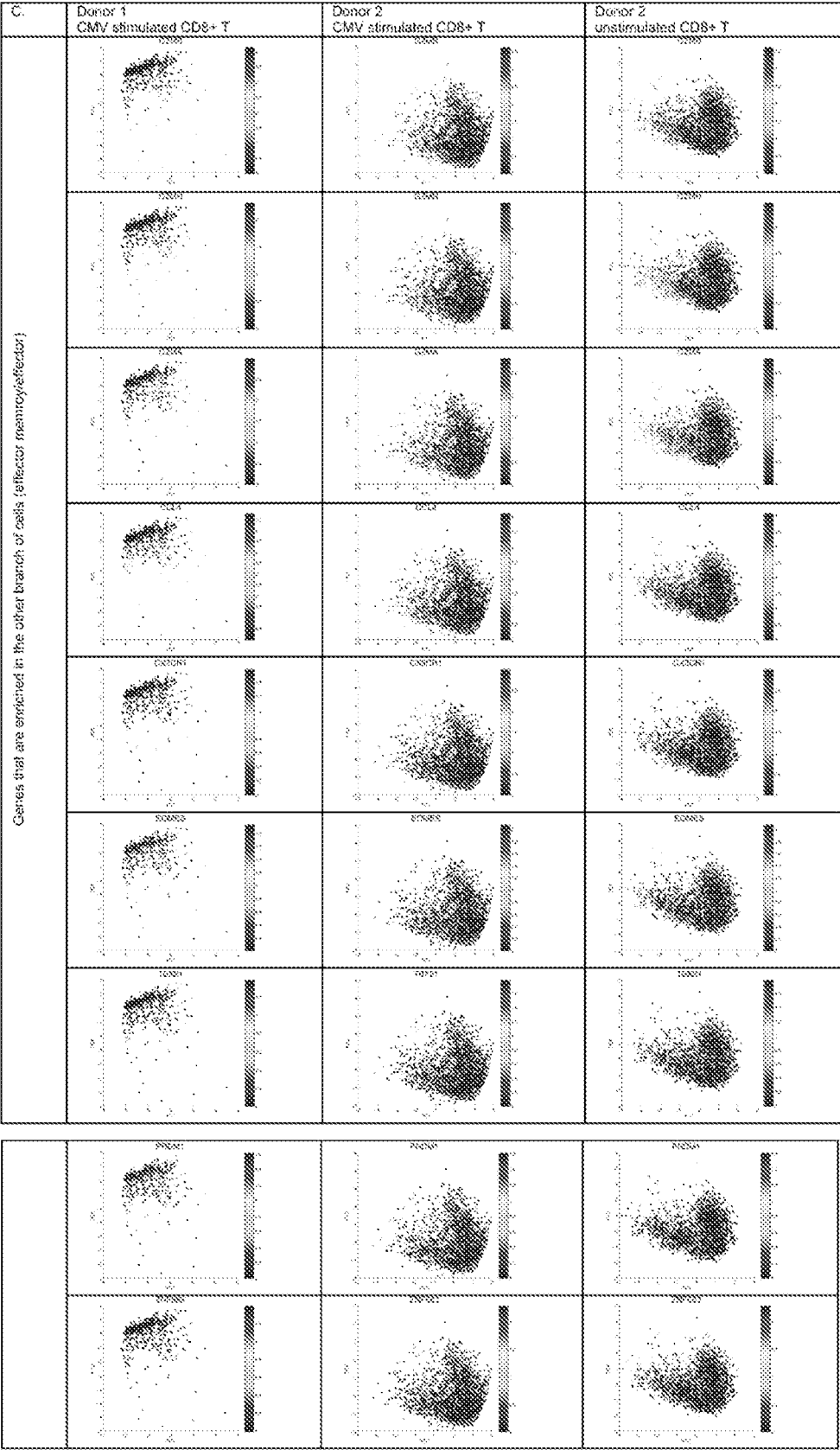


FIG. 52C

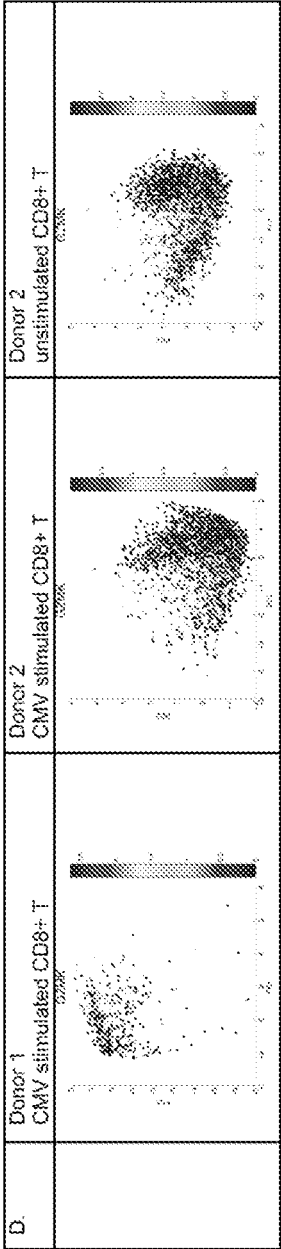


FIG. 52D

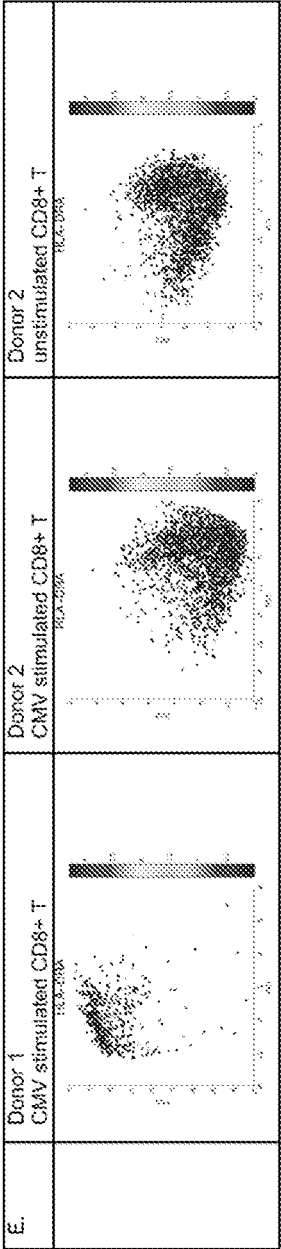


FIG. 52E

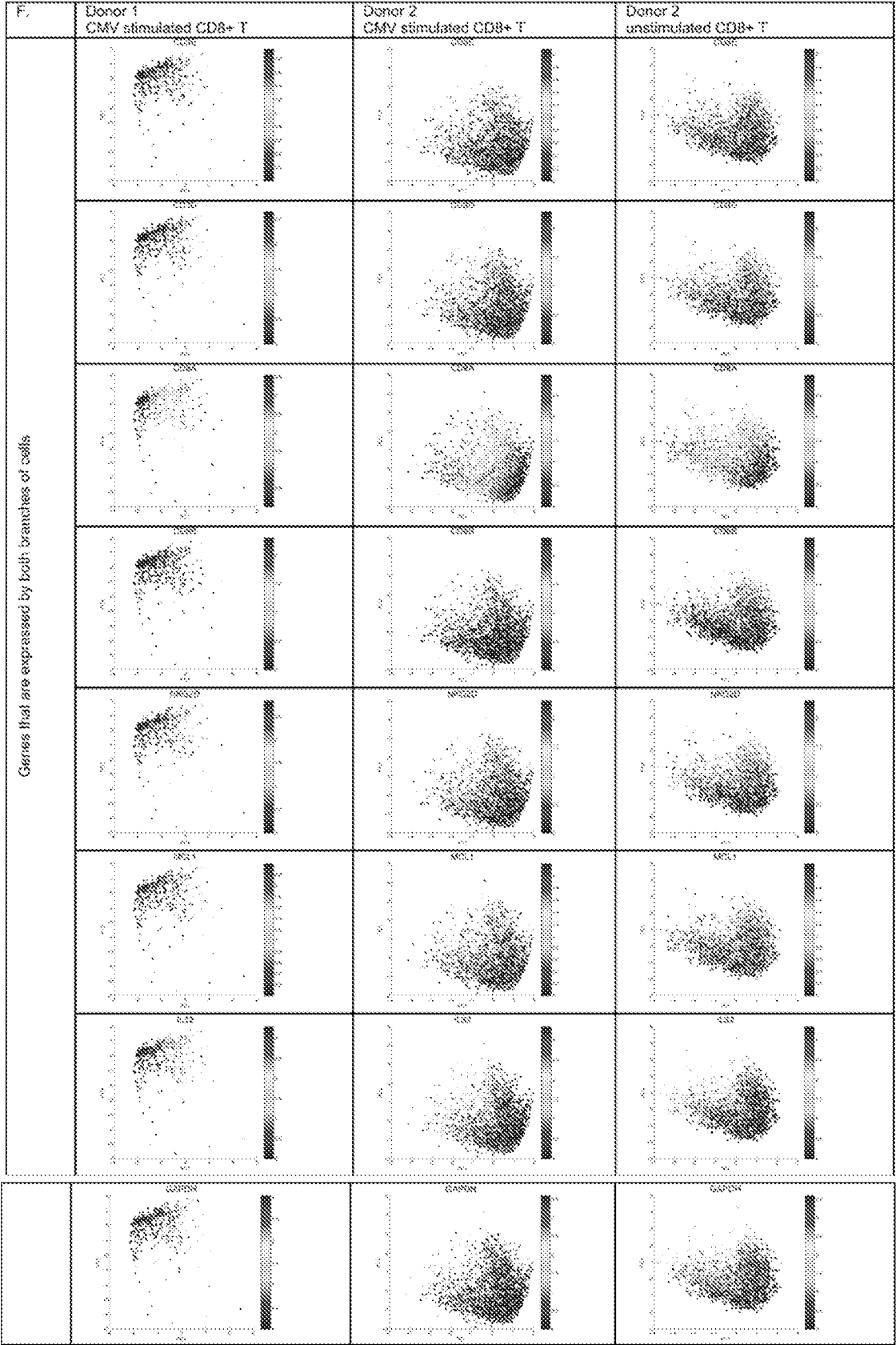


FIG. 52F

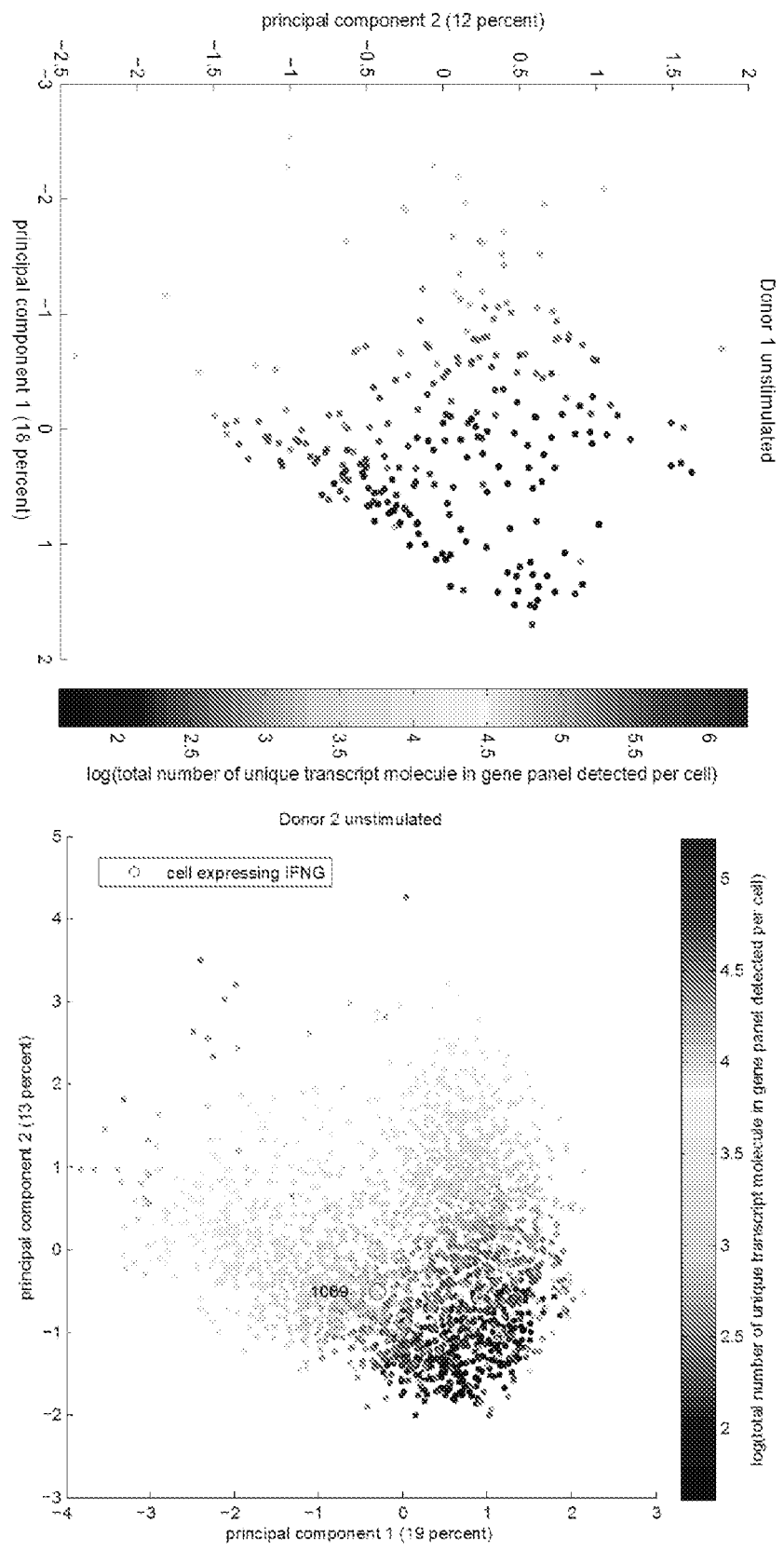


FIG. 53

FIG. 54

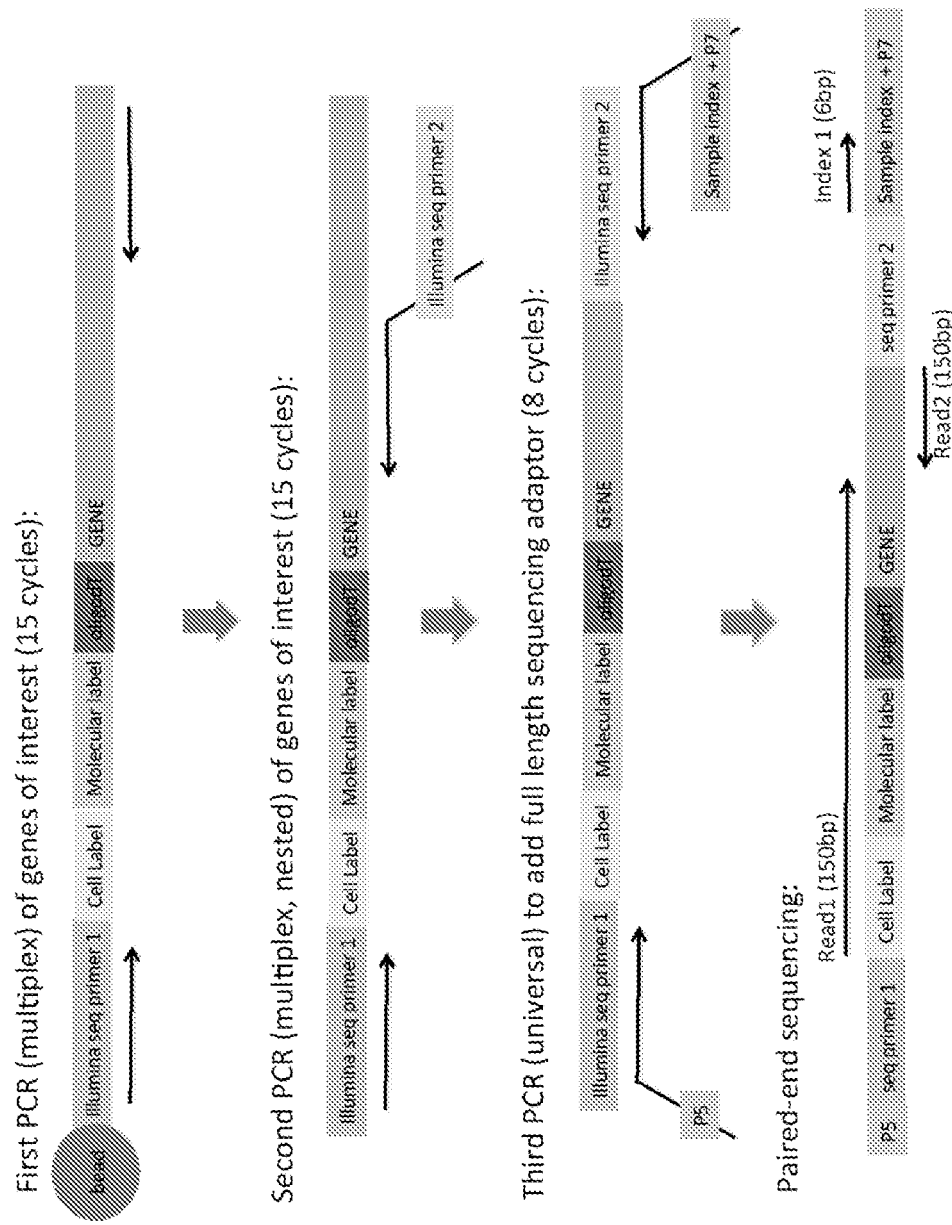


FIG. 55

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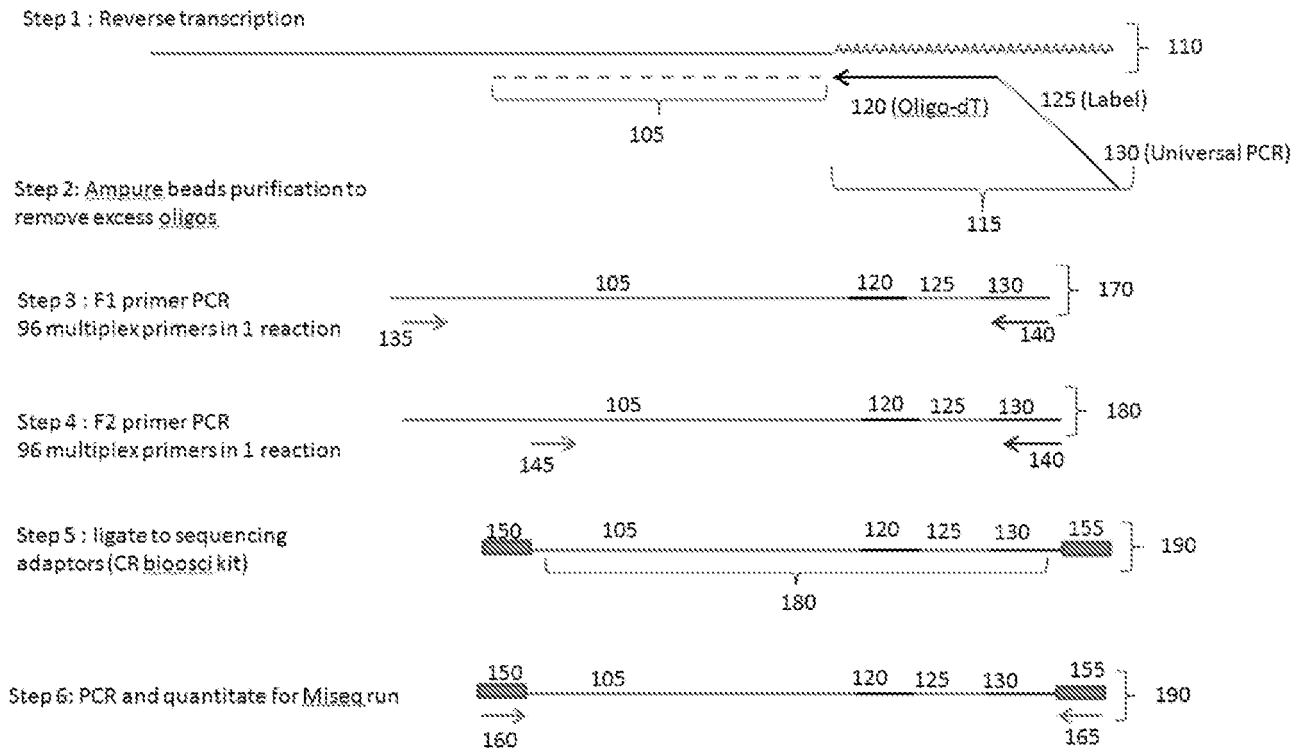


FIG. 56

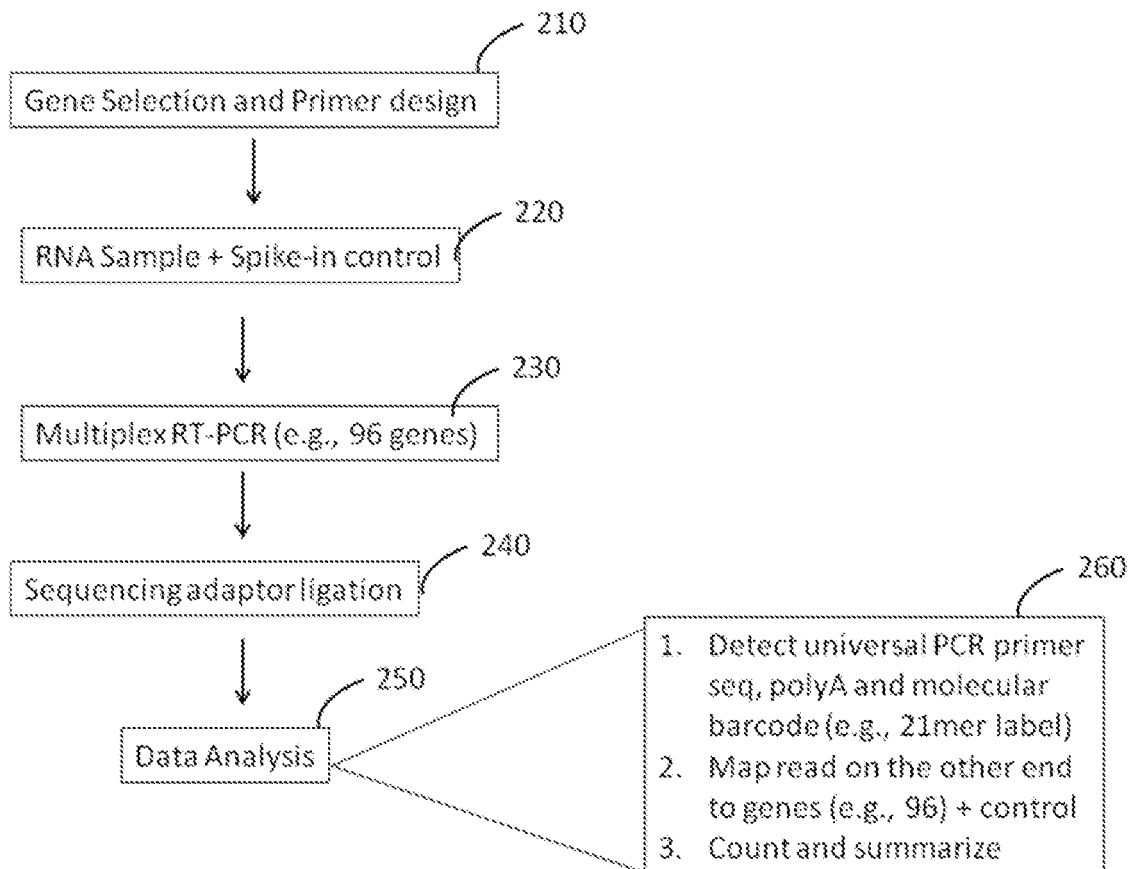


FIG. 57

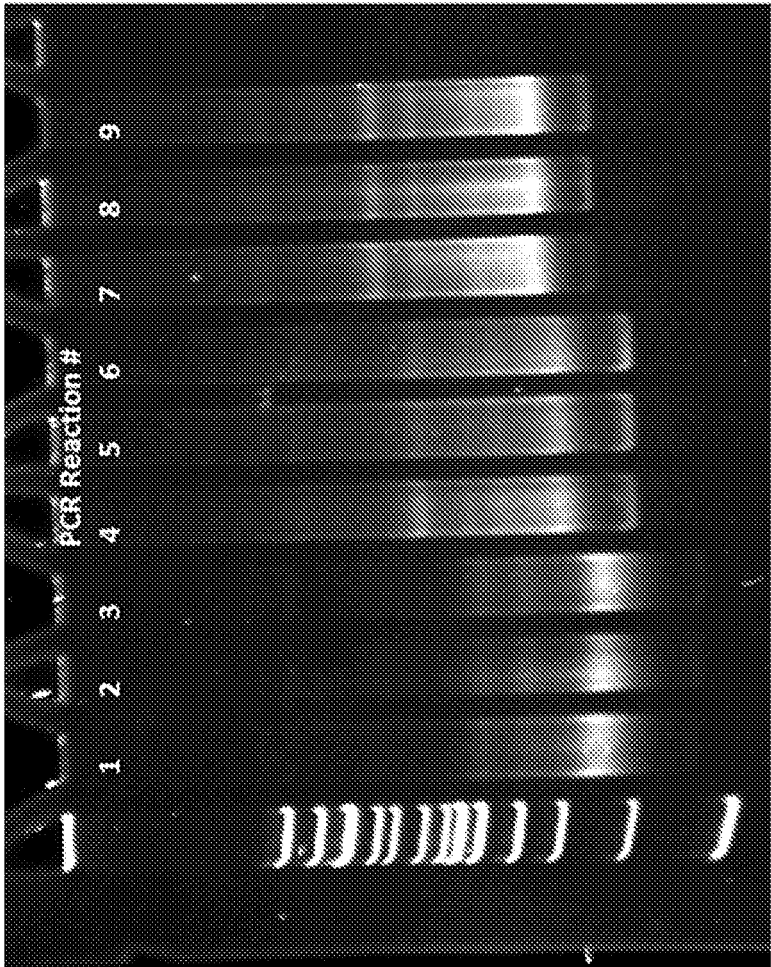


FIG. 58A

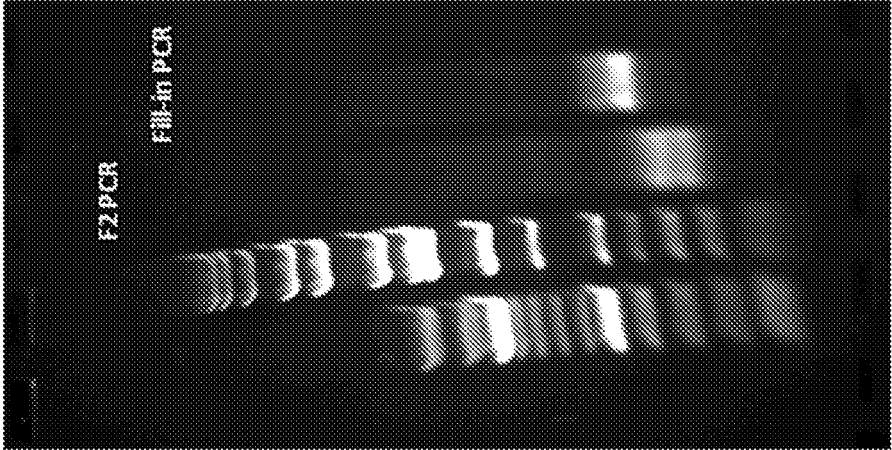


FIG. 58B

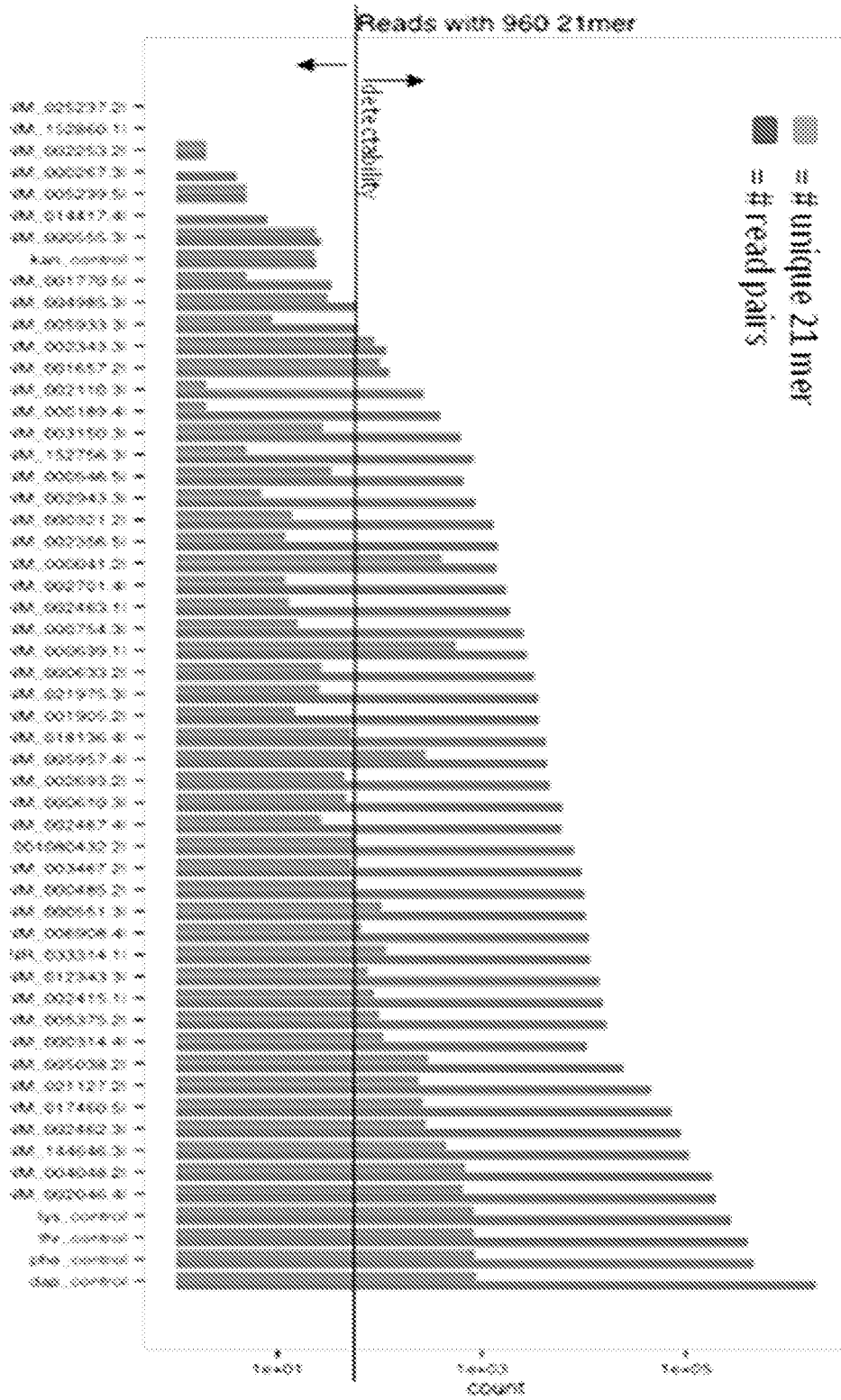


FIG. 59

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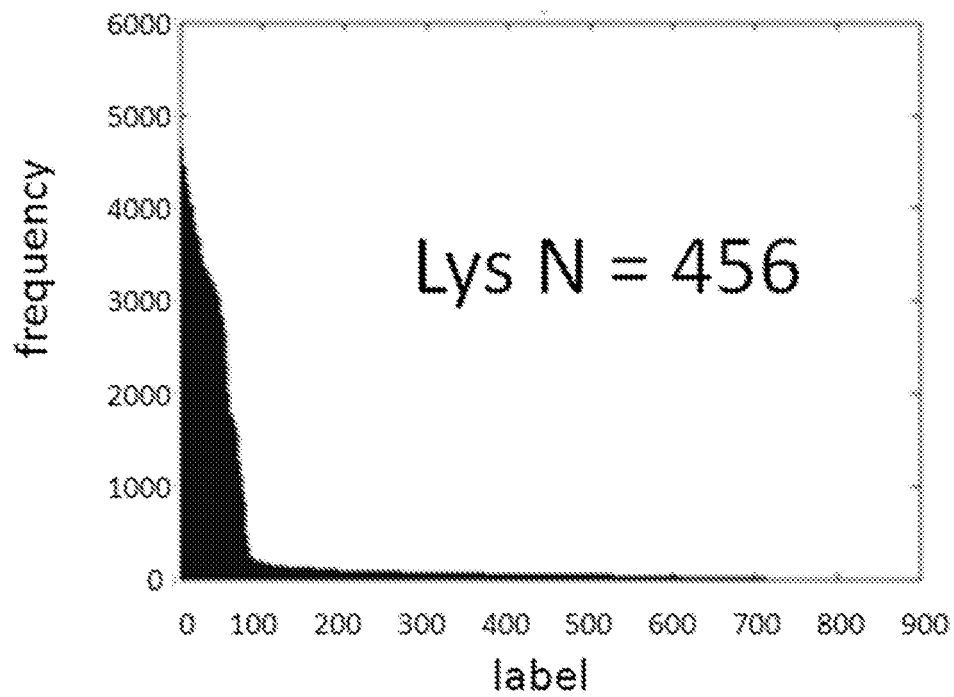


FIG. 60A

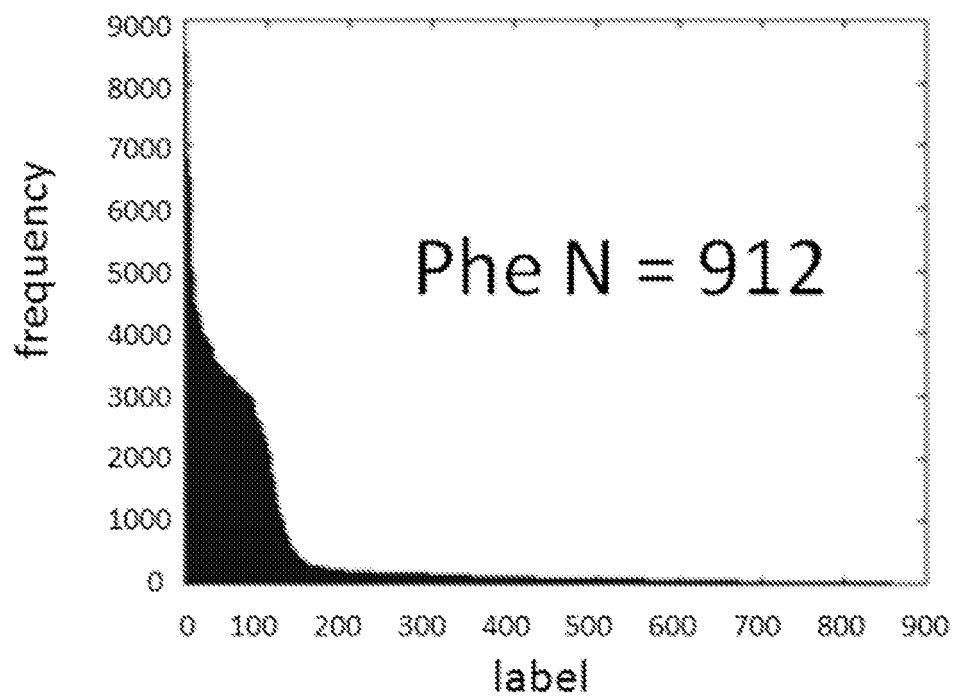


FIG. 60B

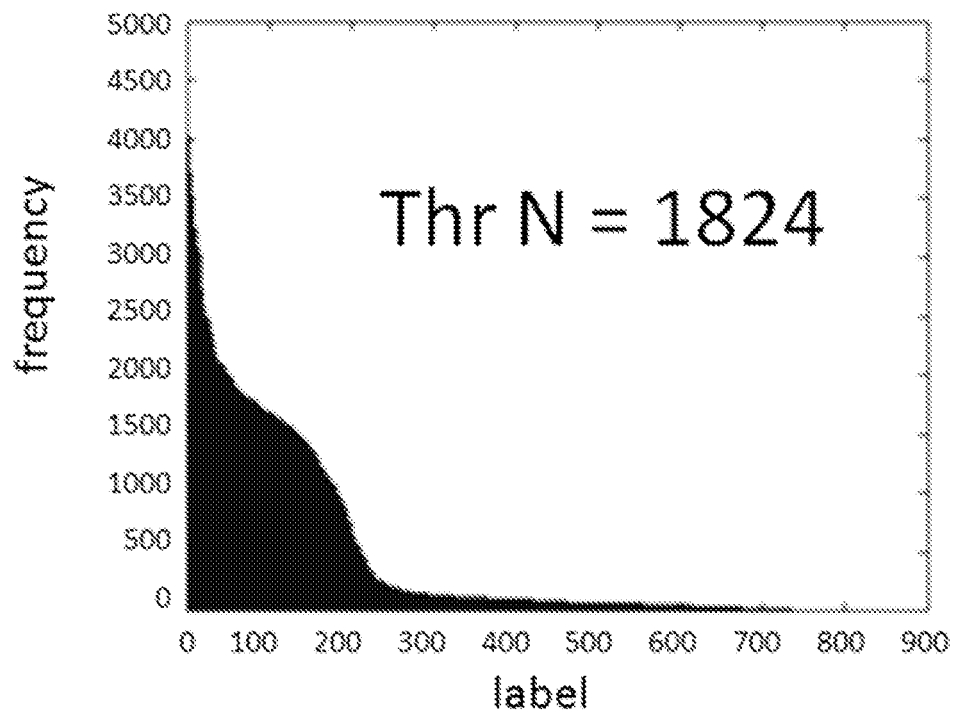


FIG. 60C

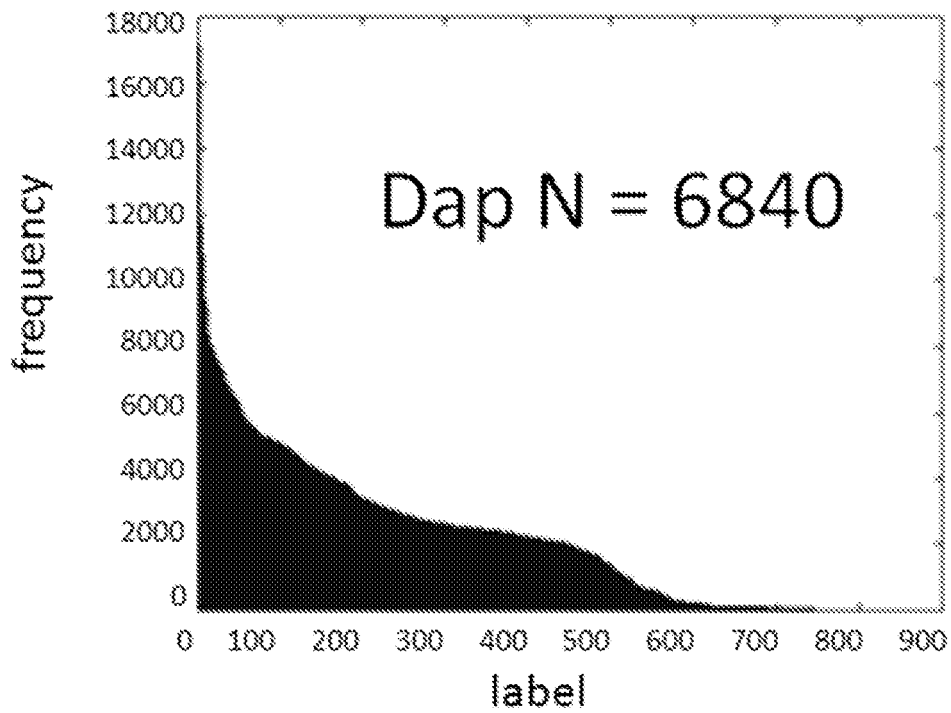


FIG. 60D

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Reads vs Input

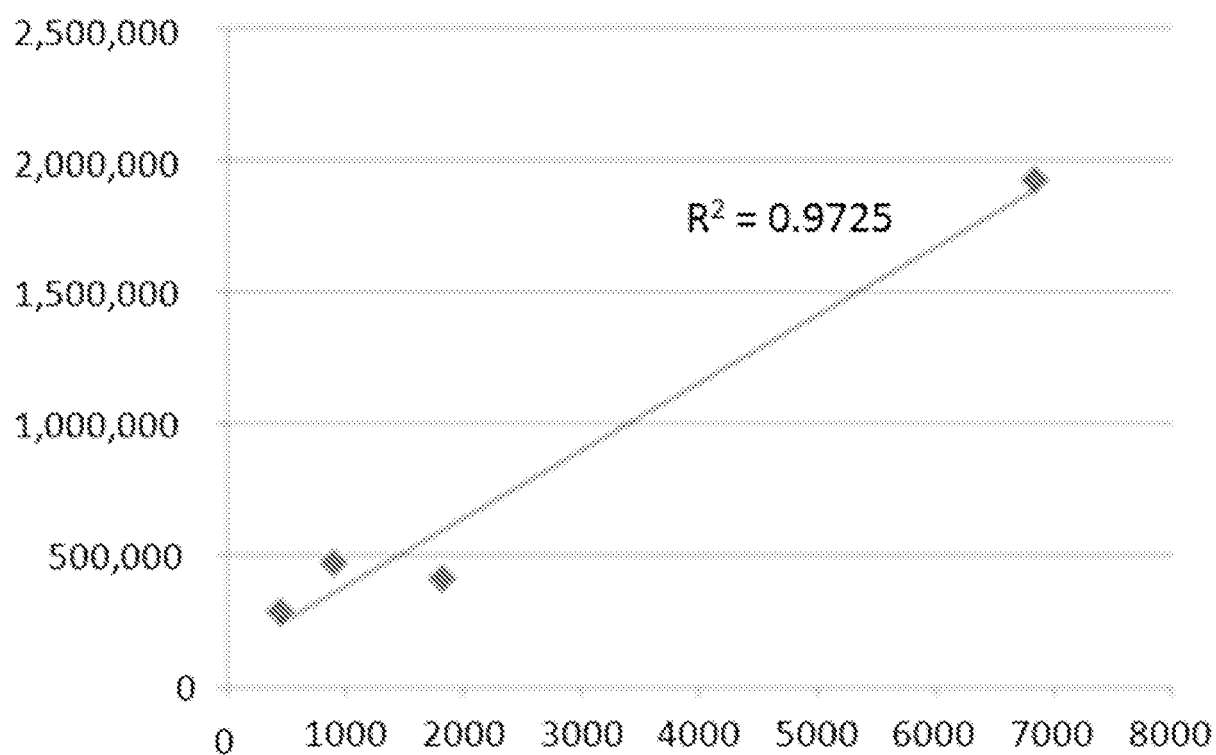


FIG. 60E

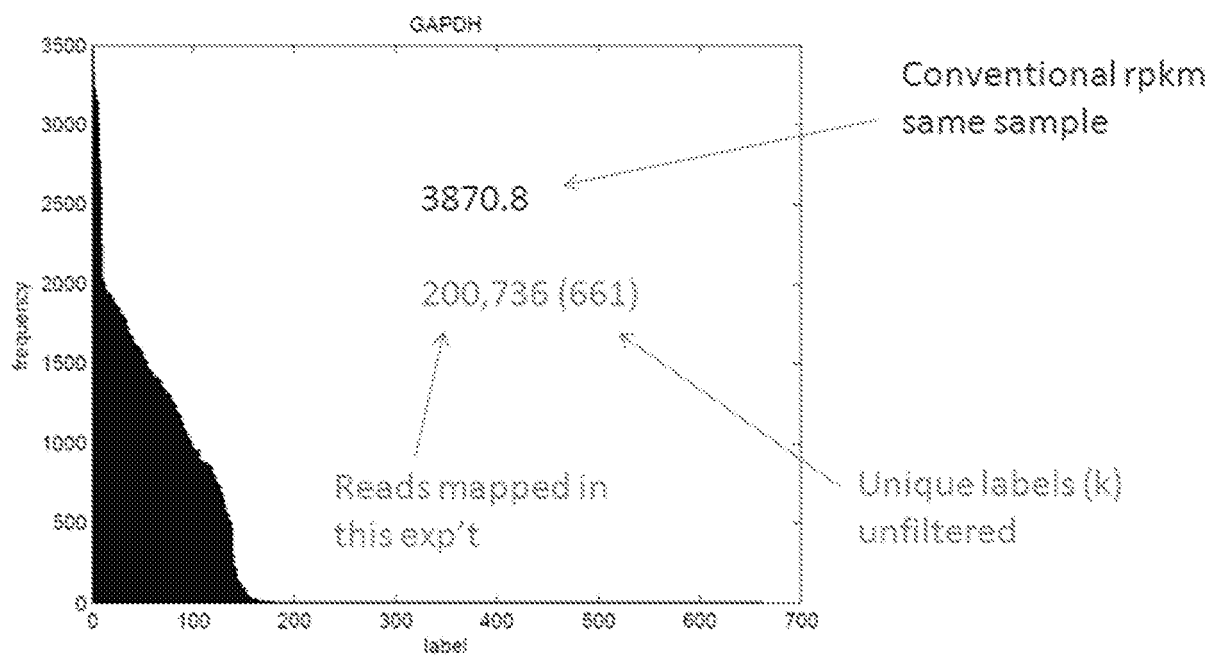


FIG. 61

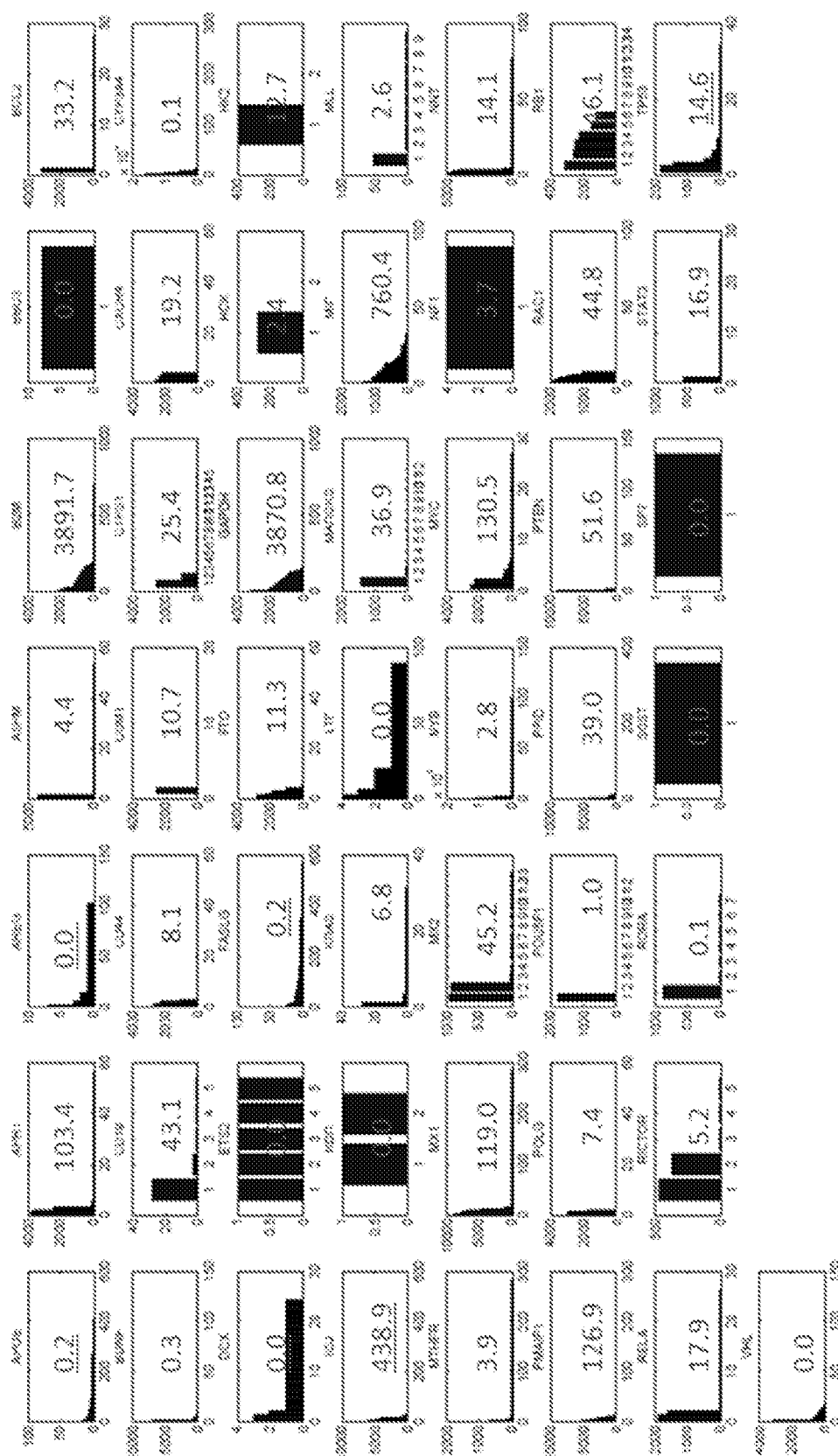


FIG. 62

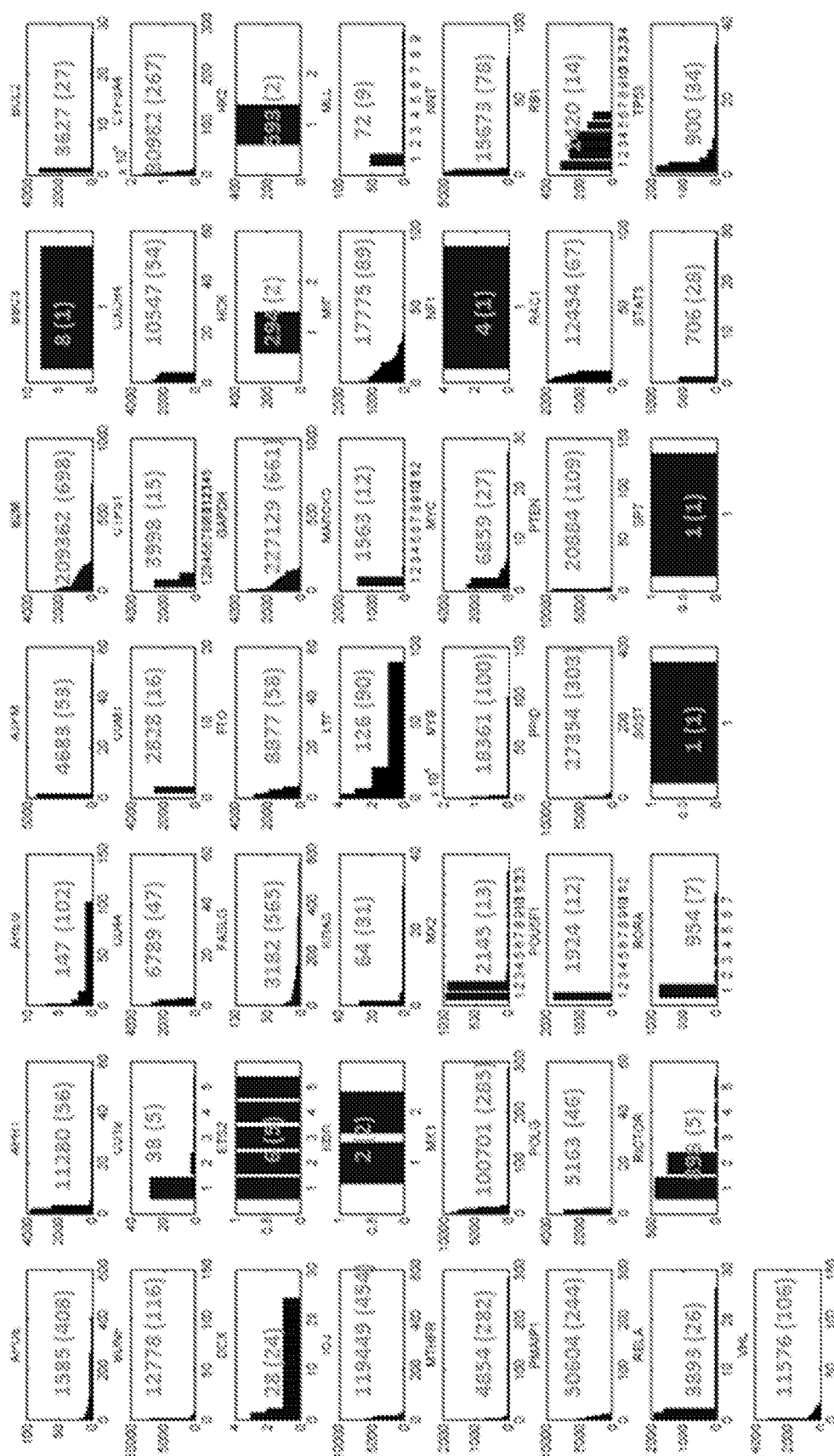


FIG. 63

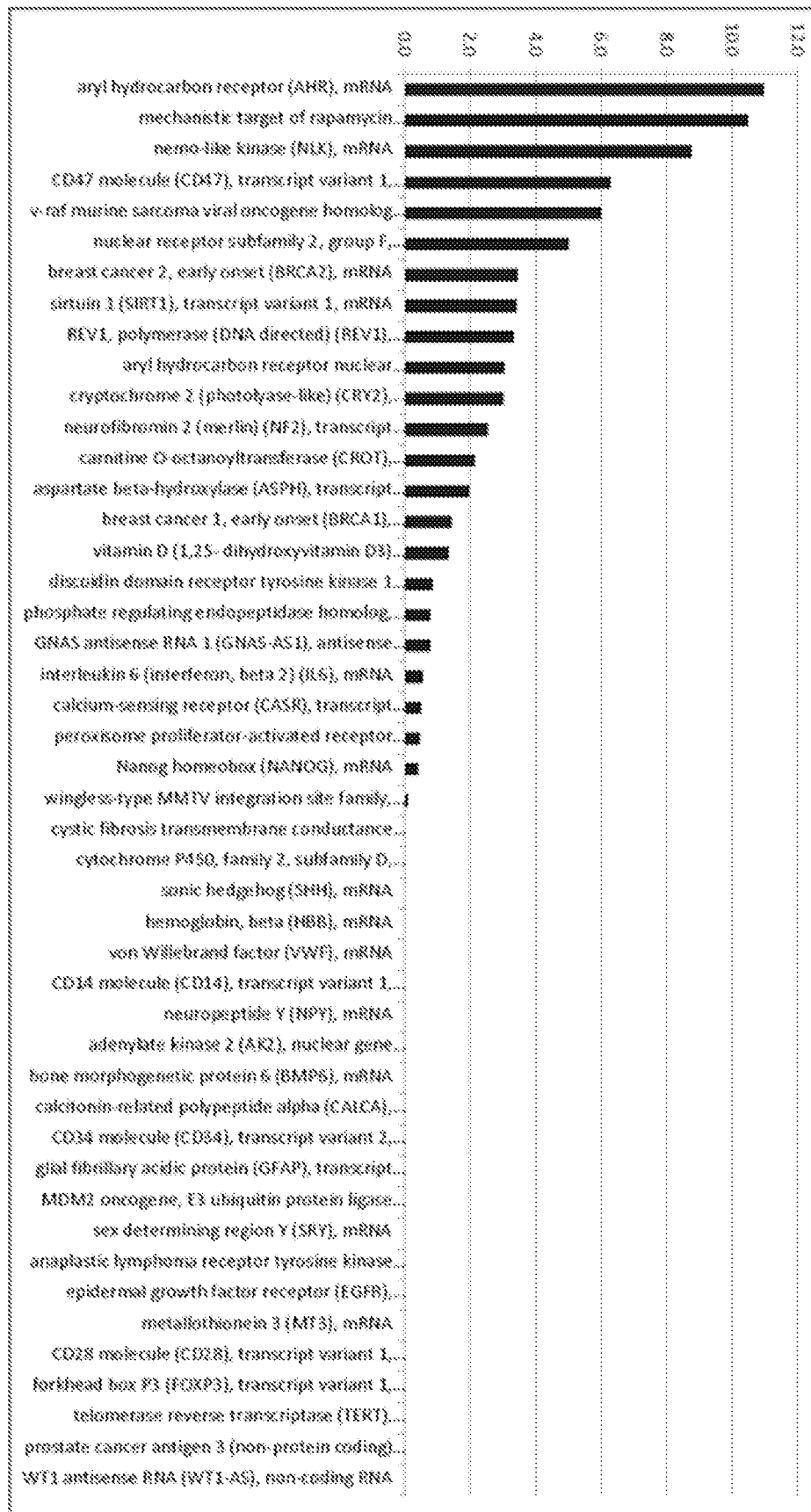


FIG. 64

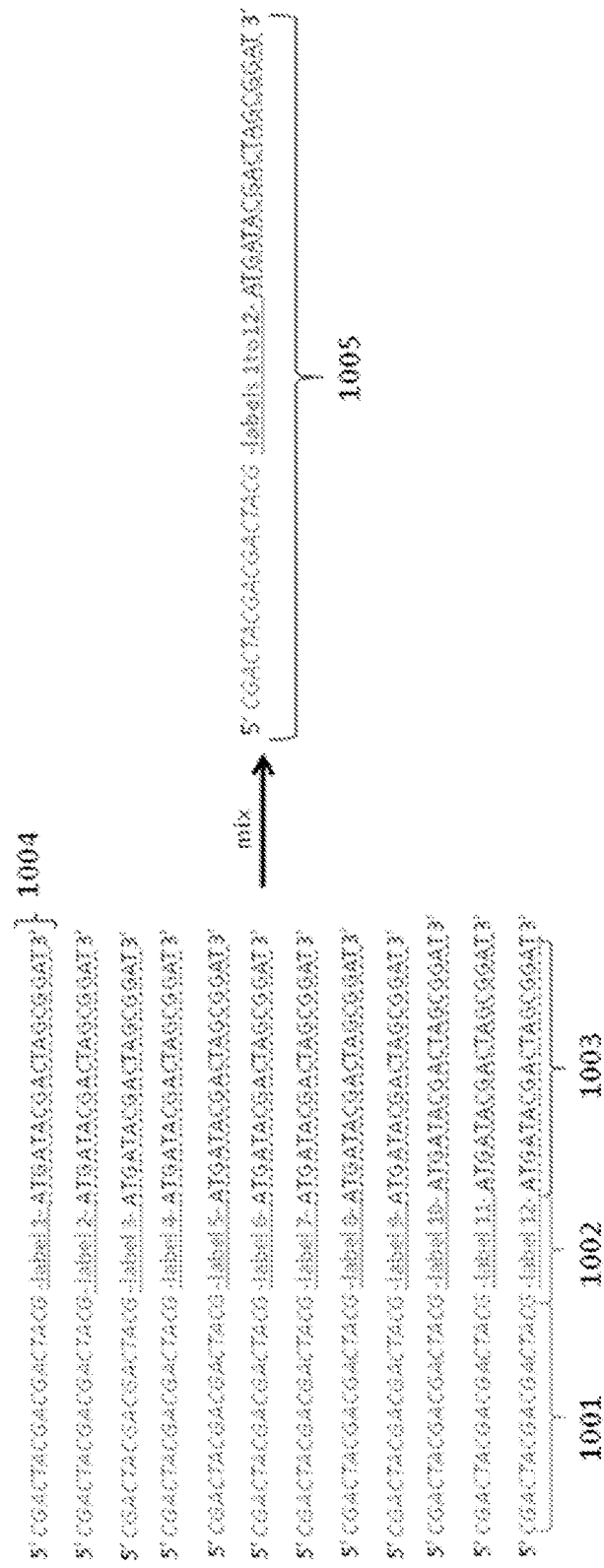


FIG. 65

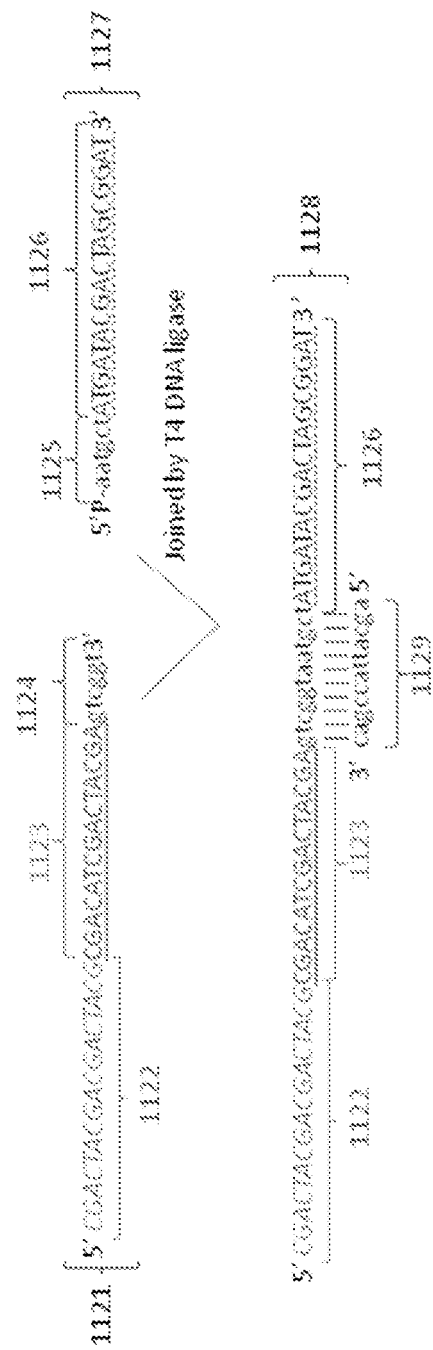


FIG. 66A

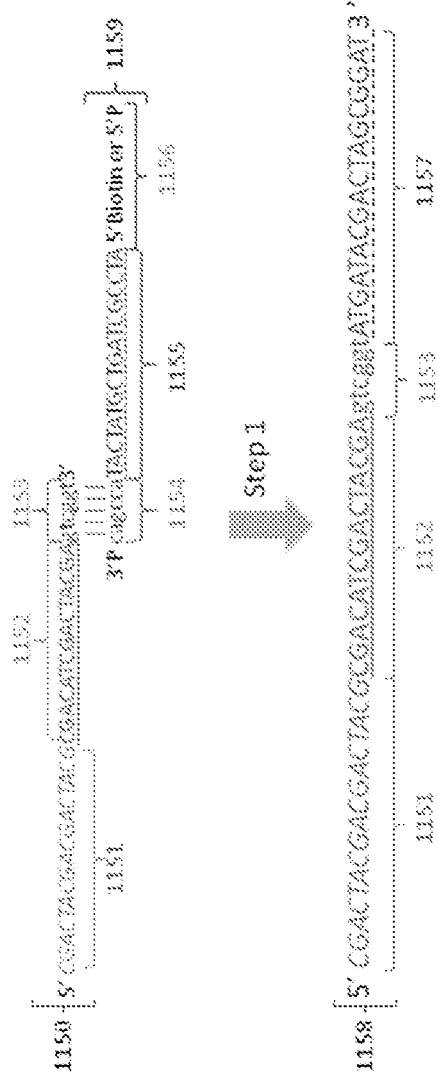


FIG. 66B

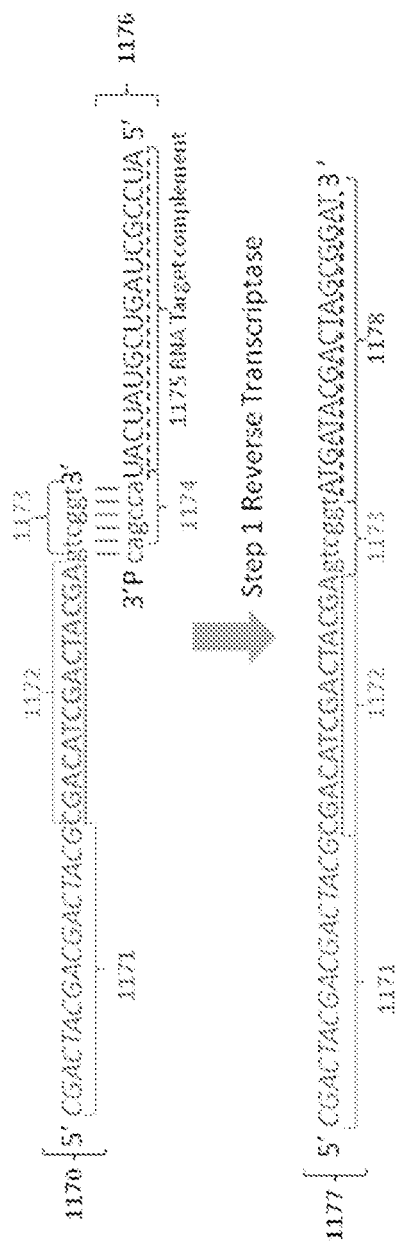
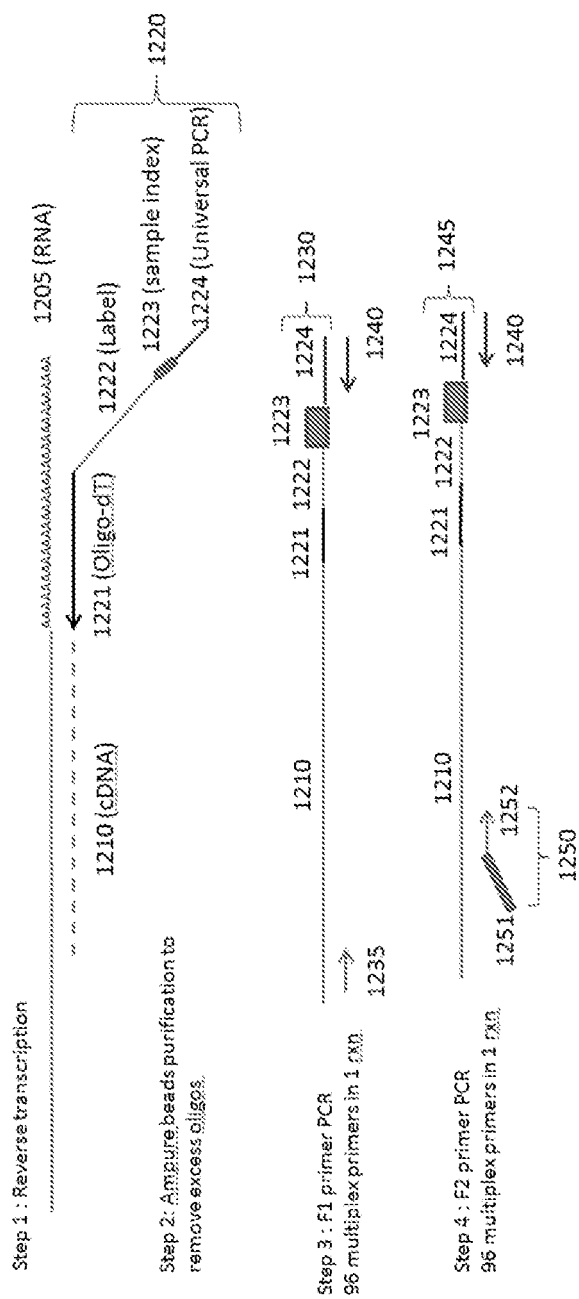
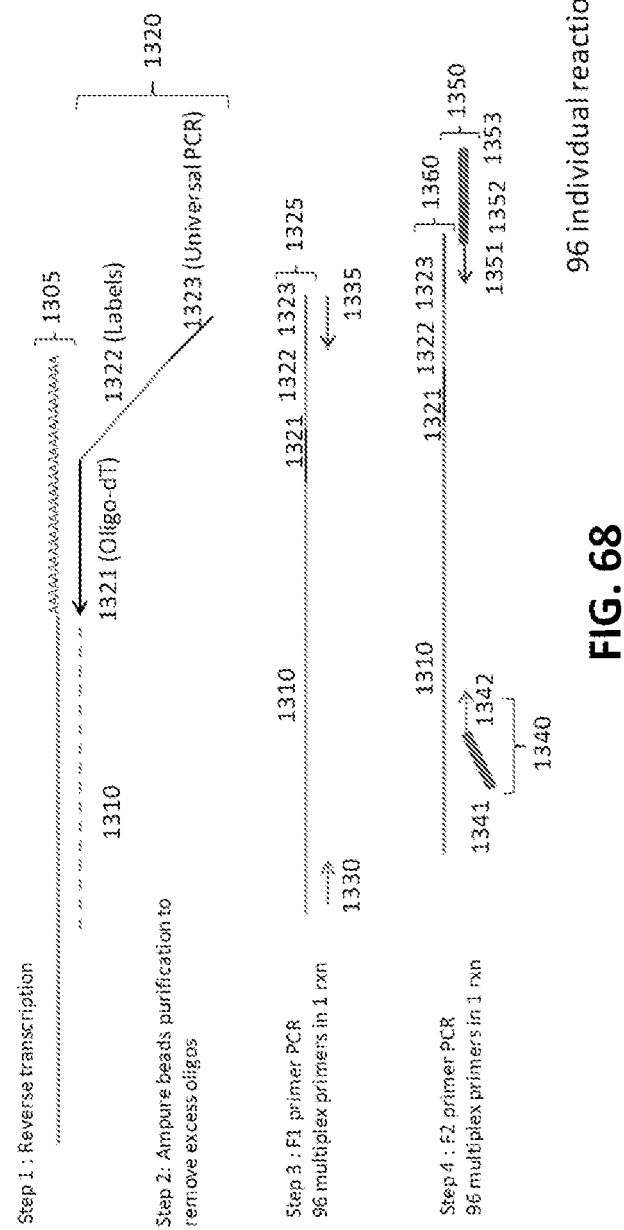


FIG. 66C



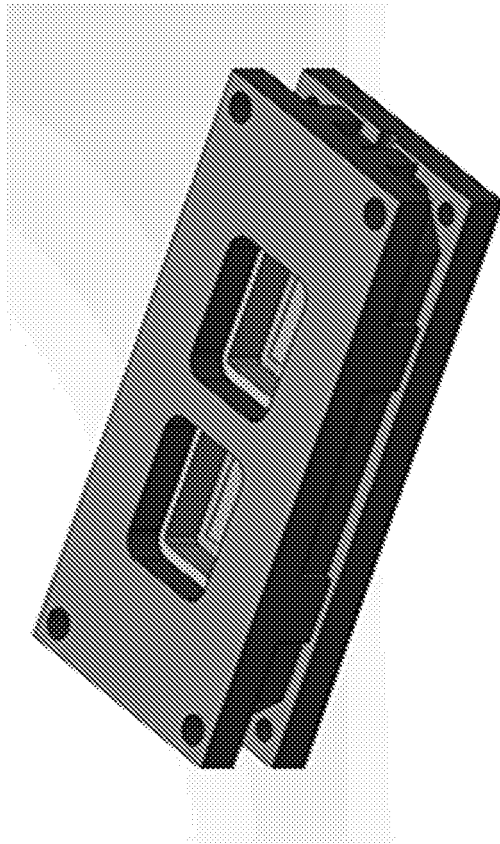


FIG. 70

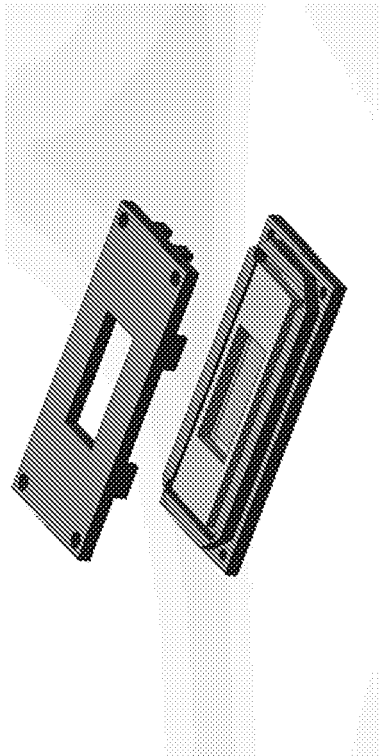
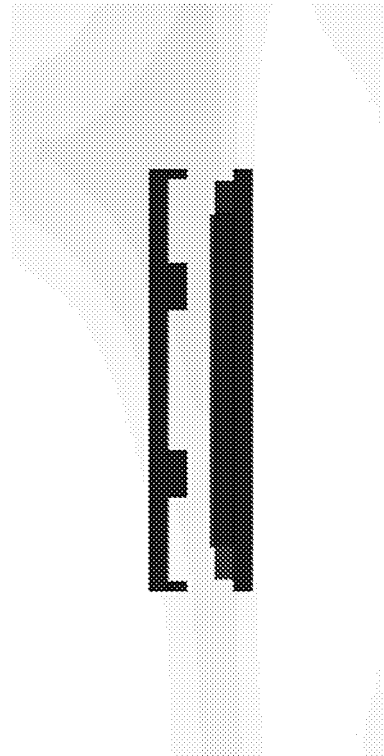


FIG. 69

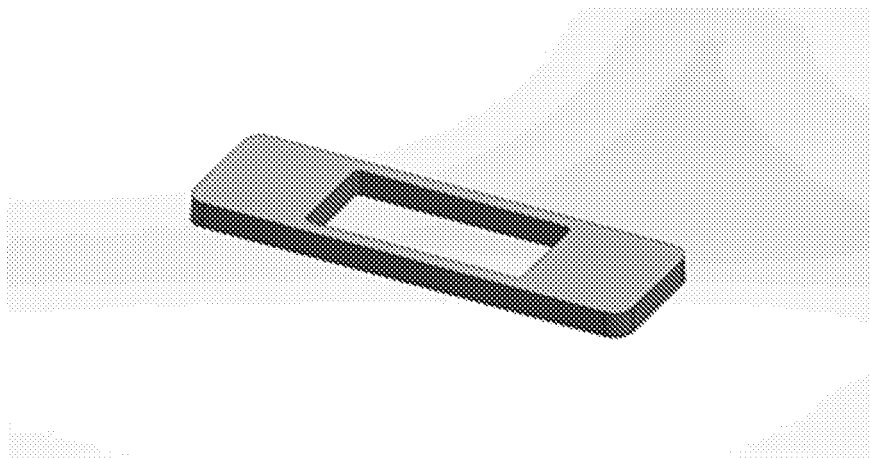
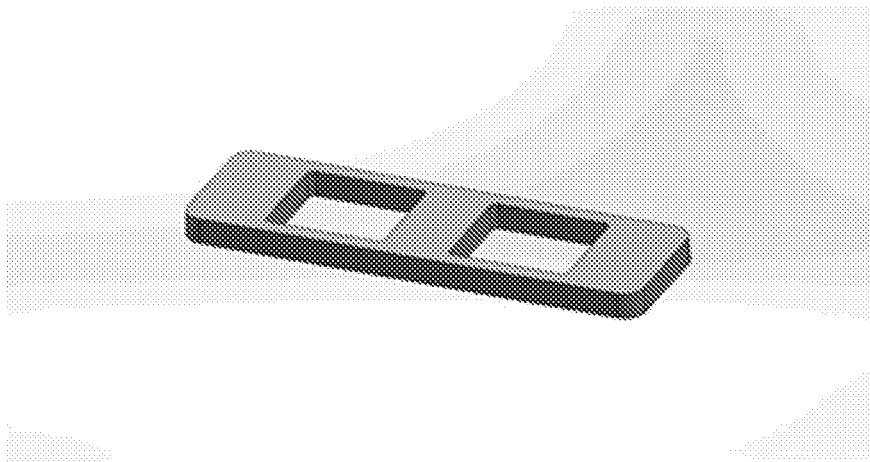


FIG. 71

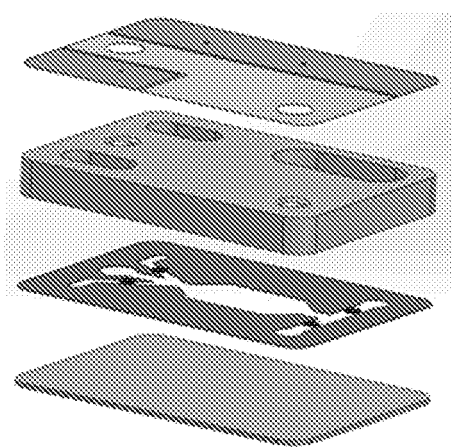
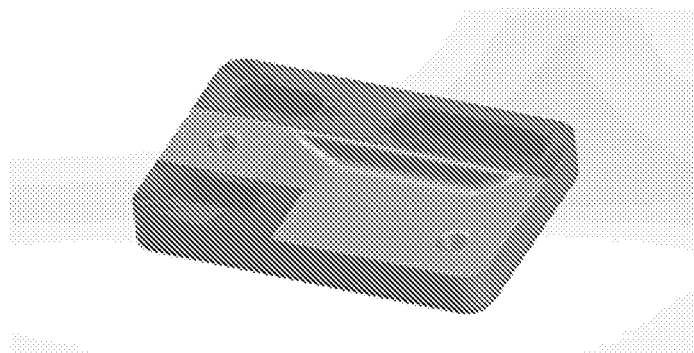


FIG. 72

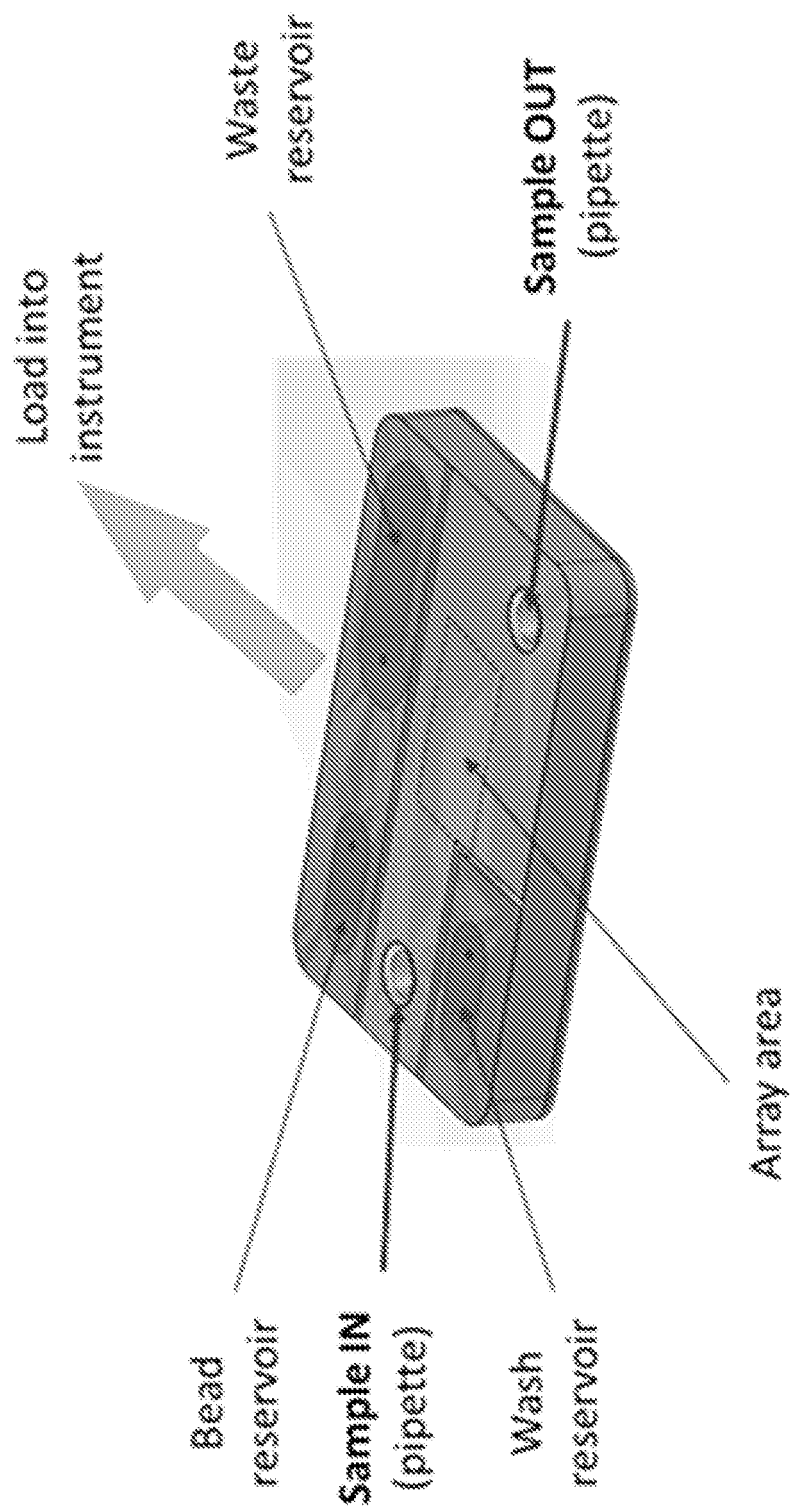


FIG. 73

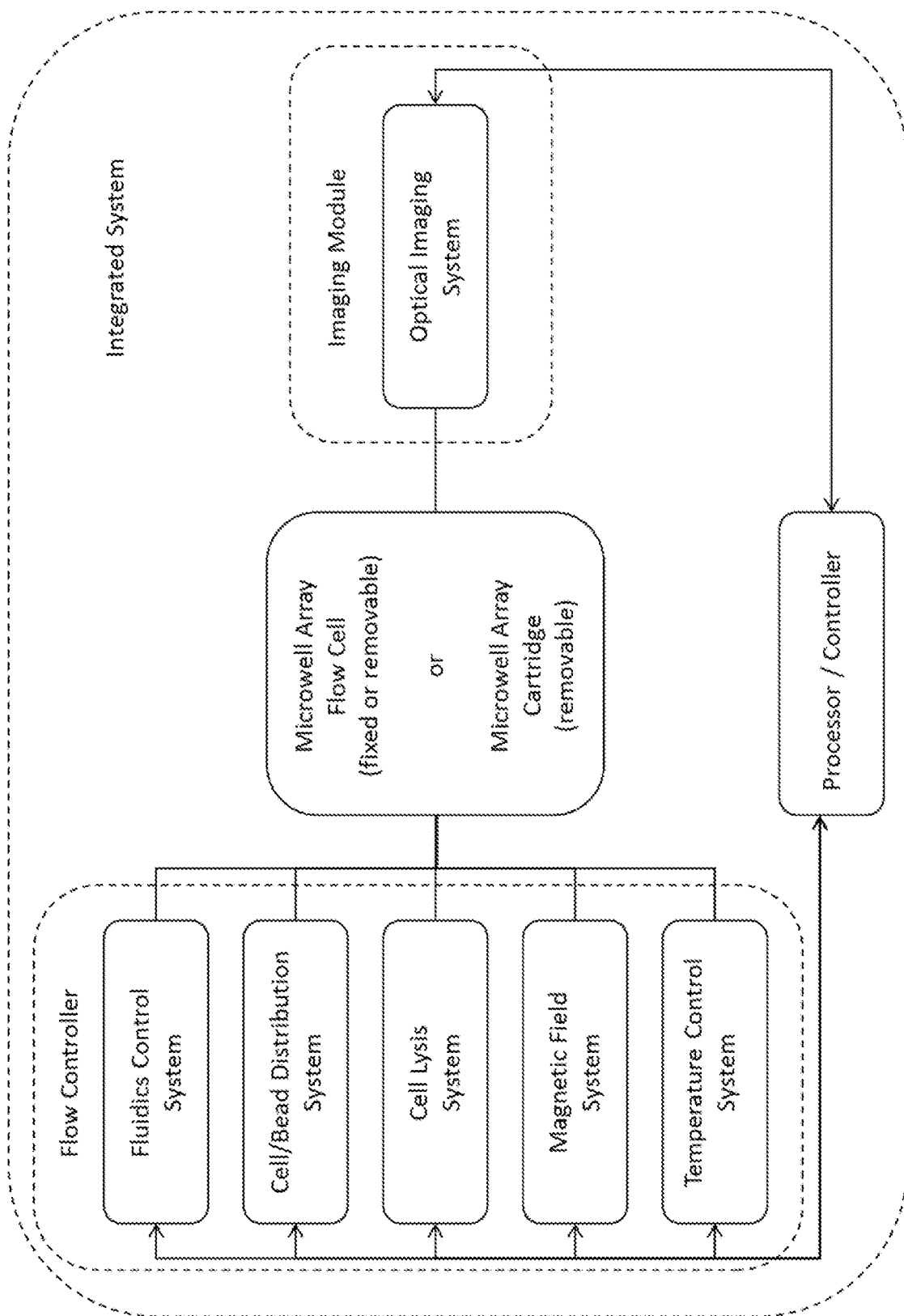


FIG. 74

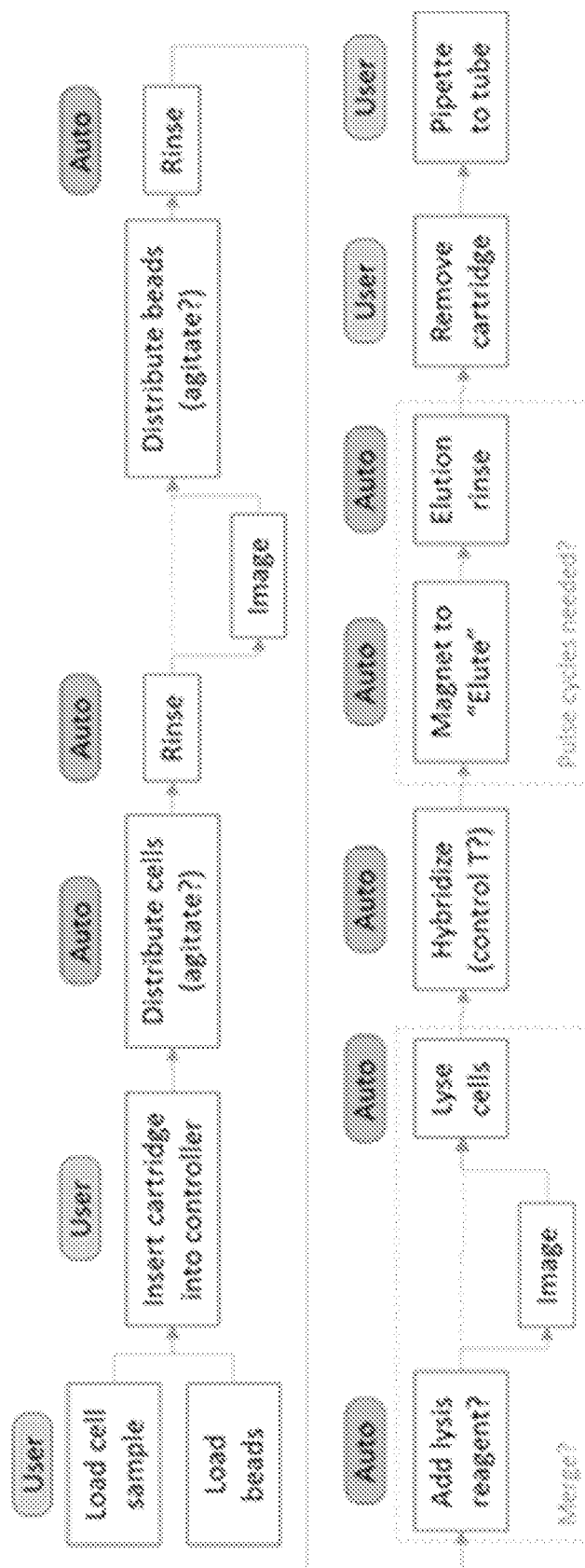


FIG. 75

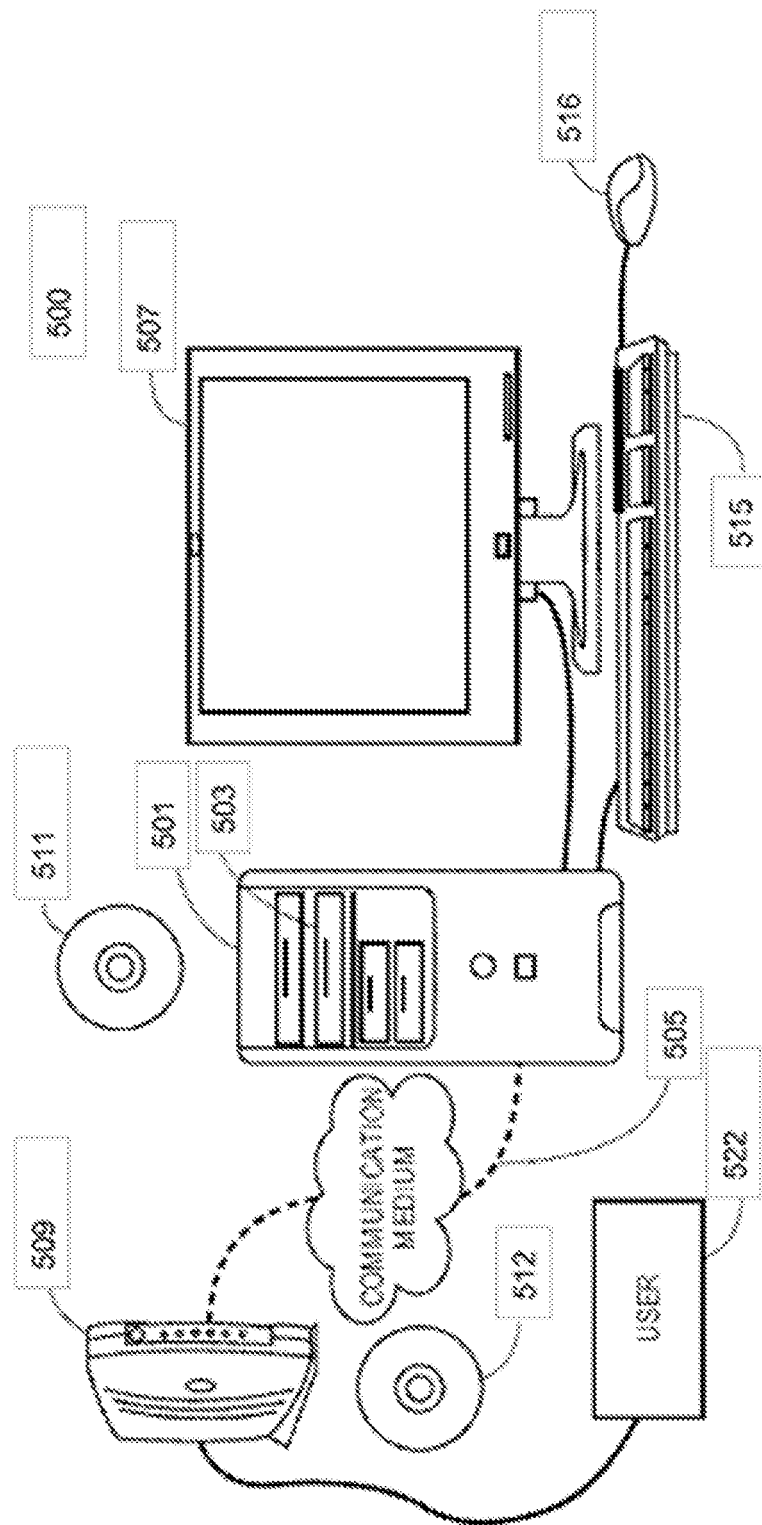


FIG. 76

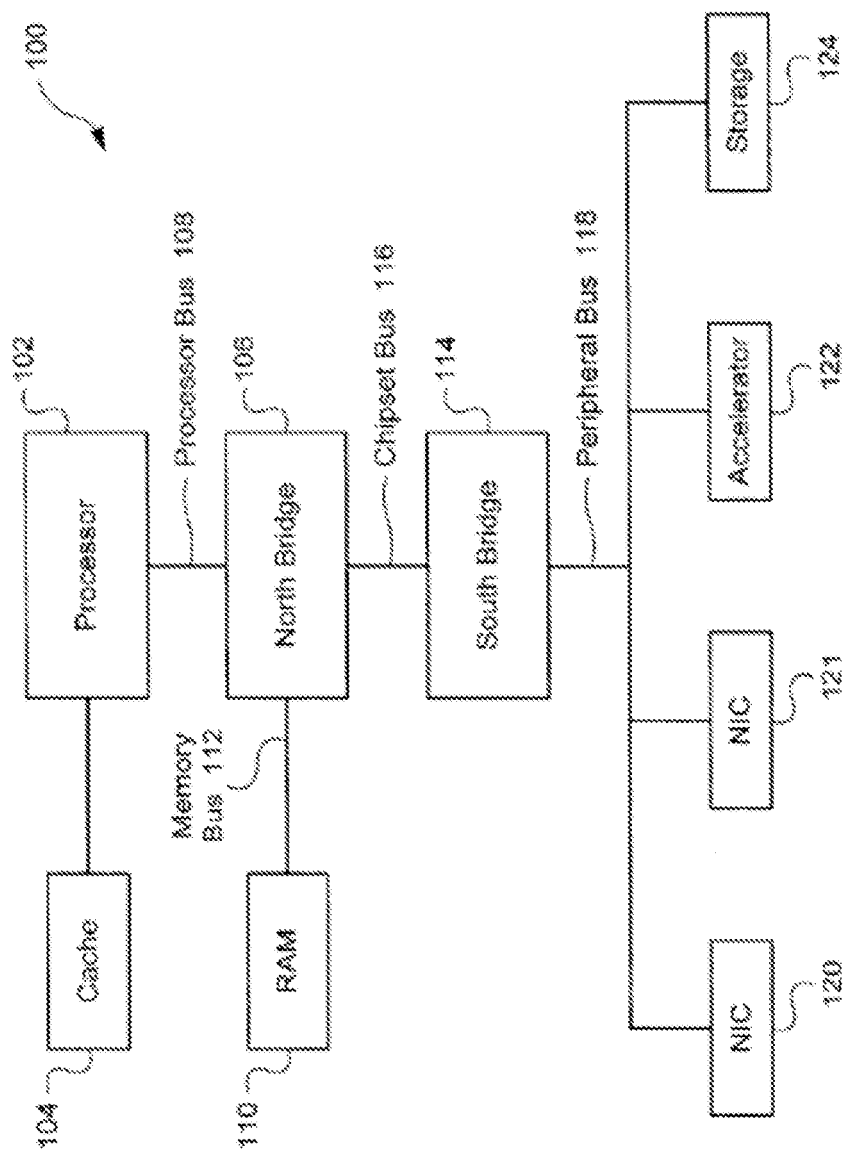


FIG. 77

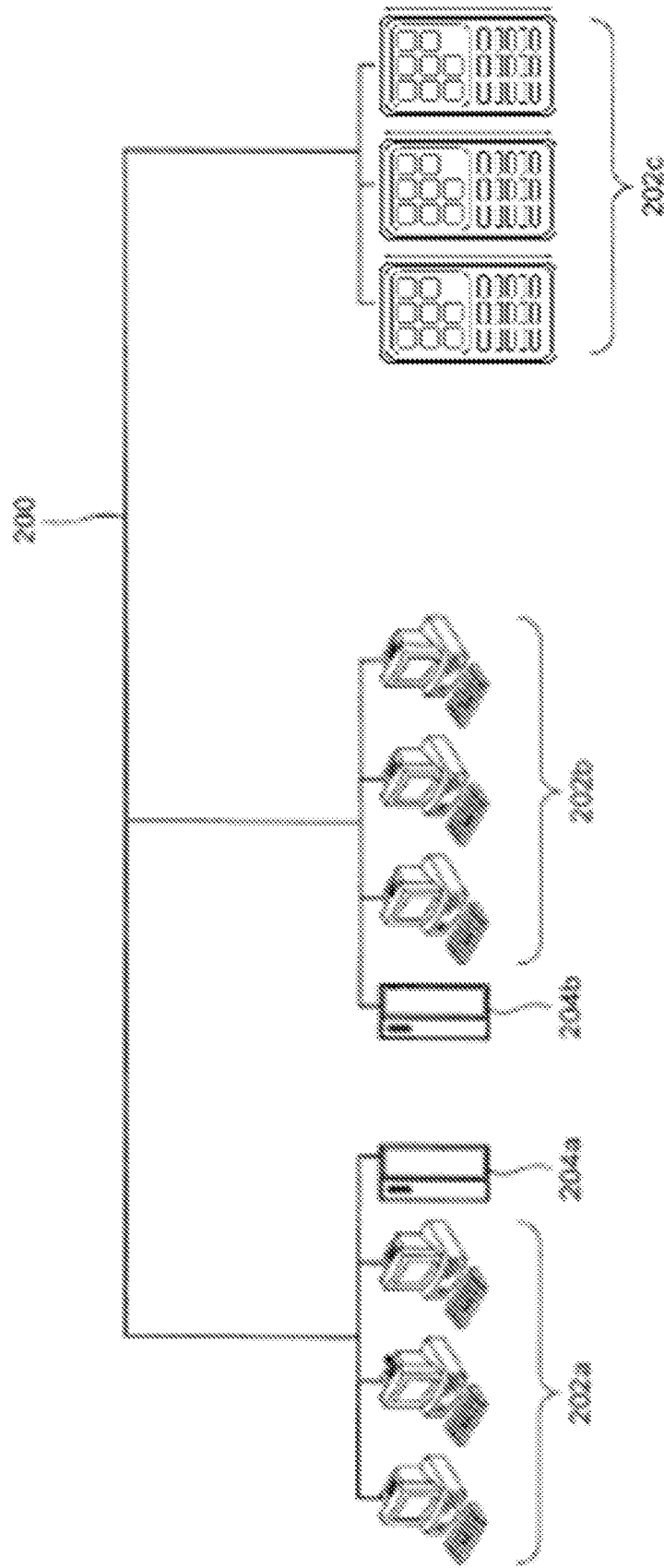


FIG. 78

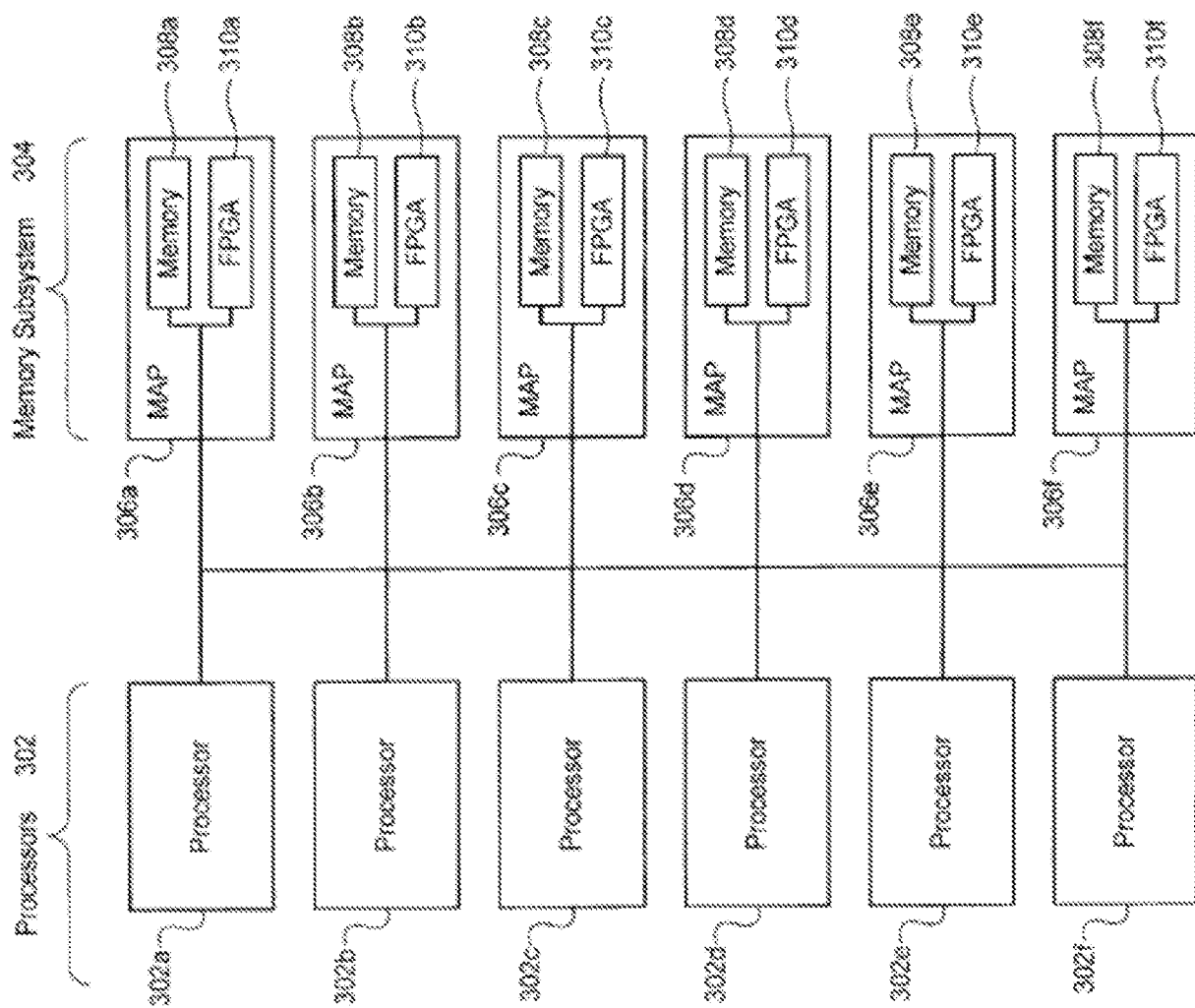


FIG. 79

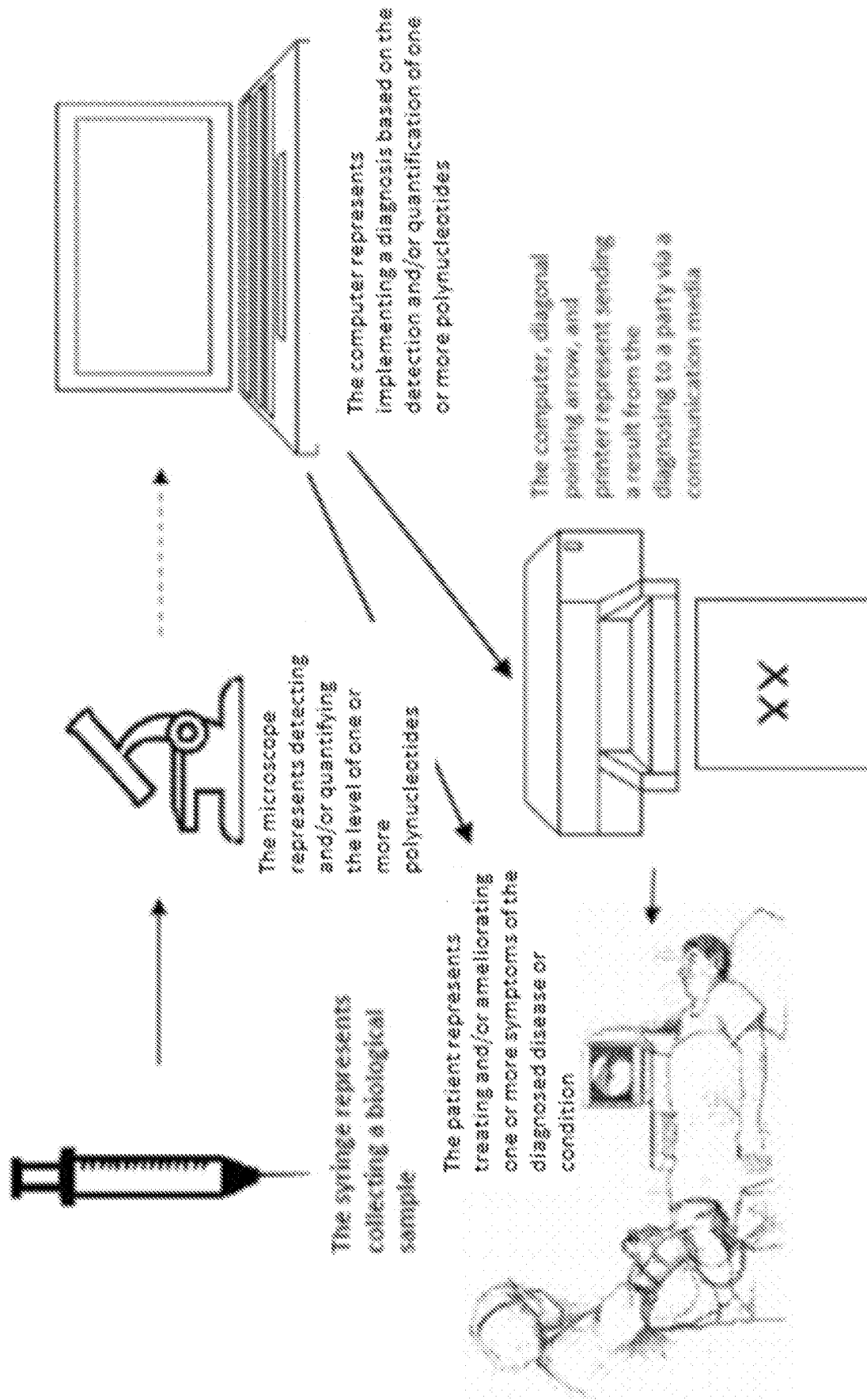


FIG. 80