

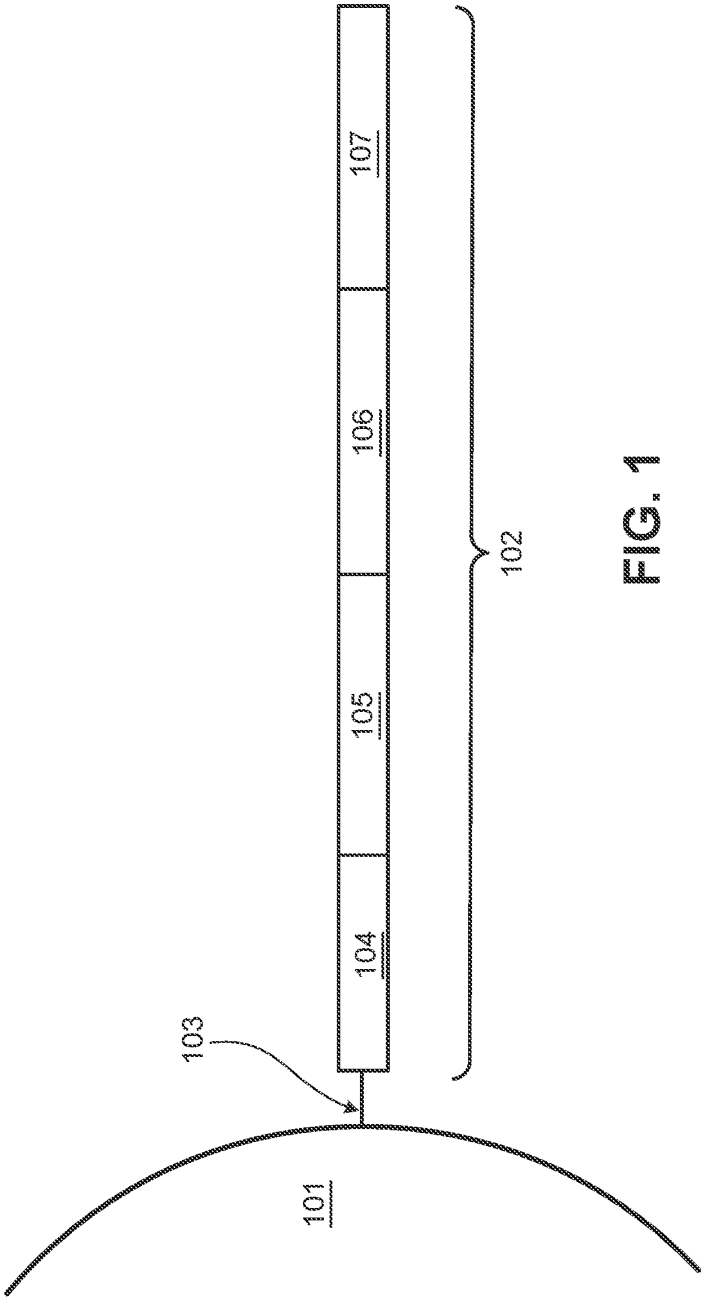
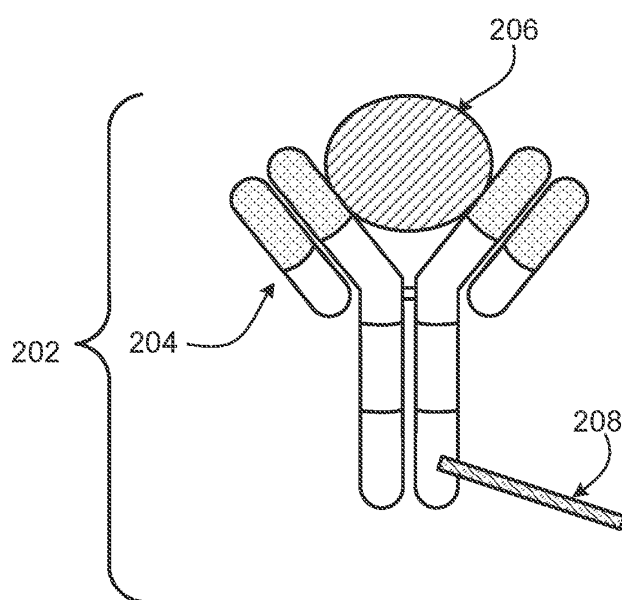


FIG. 1

**FIG. 2**

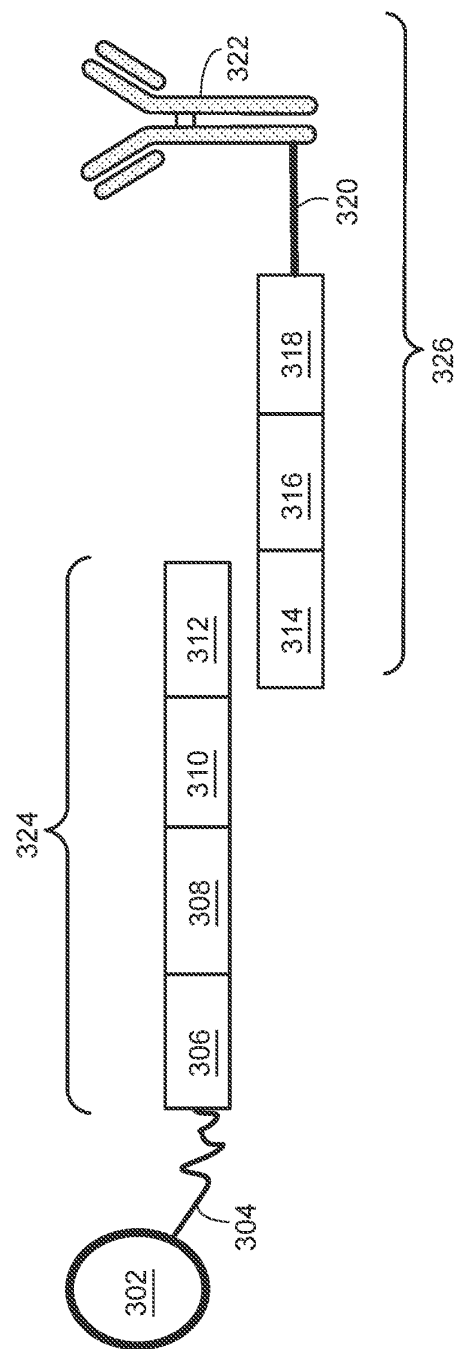


FIG. 3

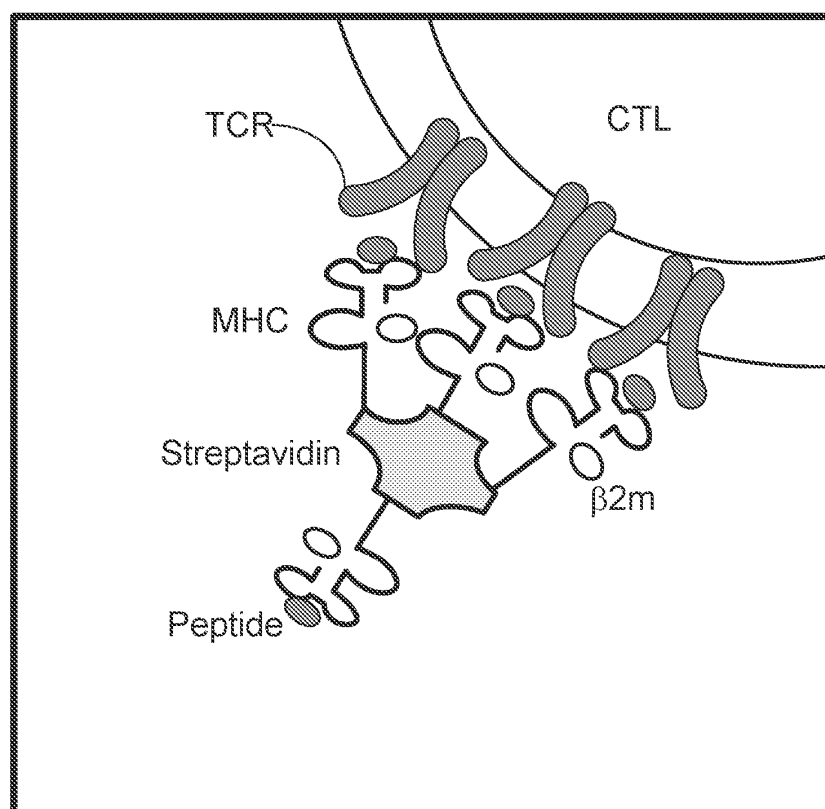


FIG. 4A

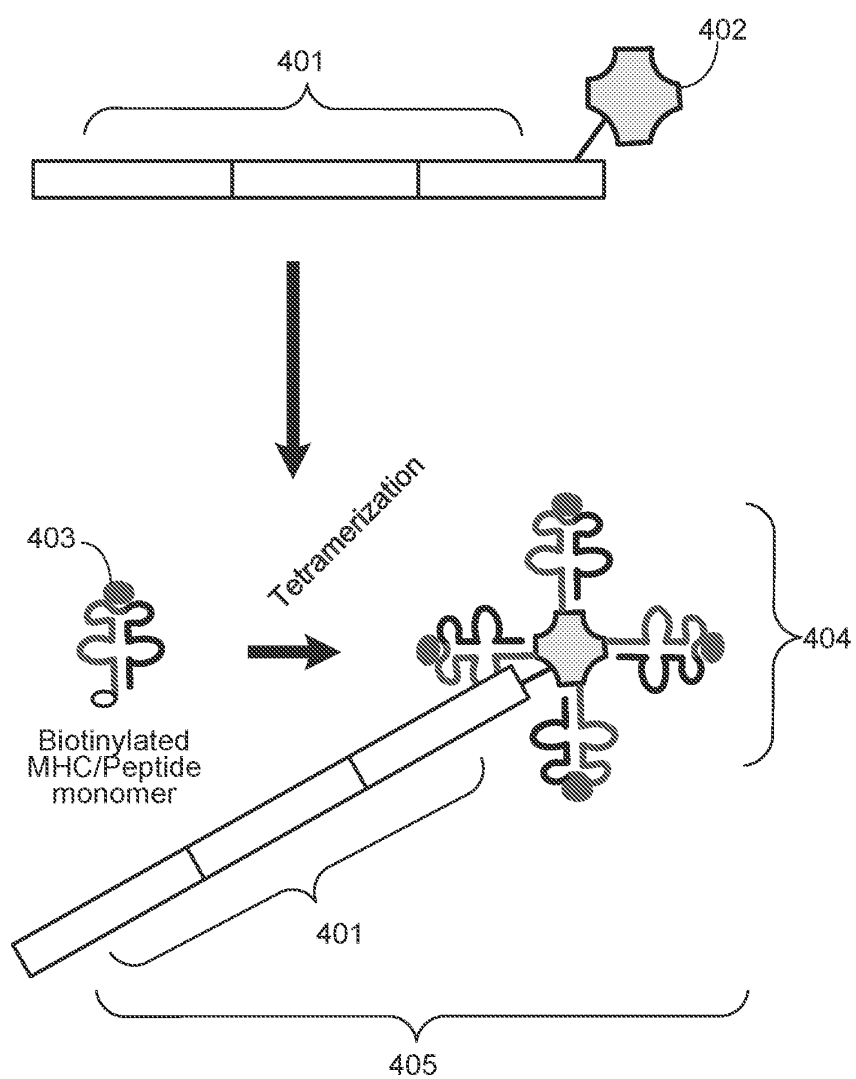


FIG. 4B

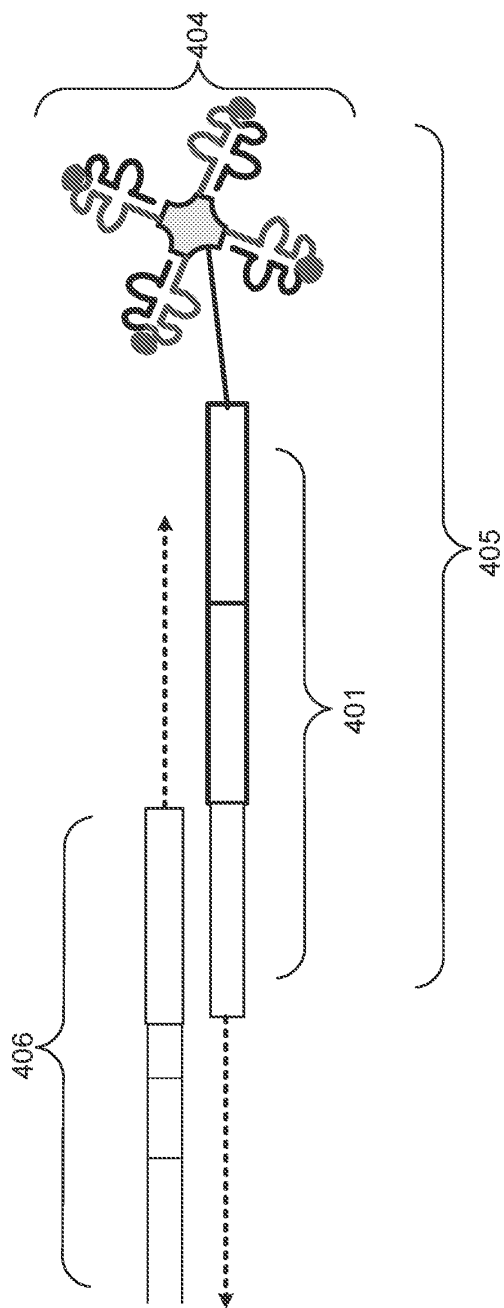


FIG. 4C

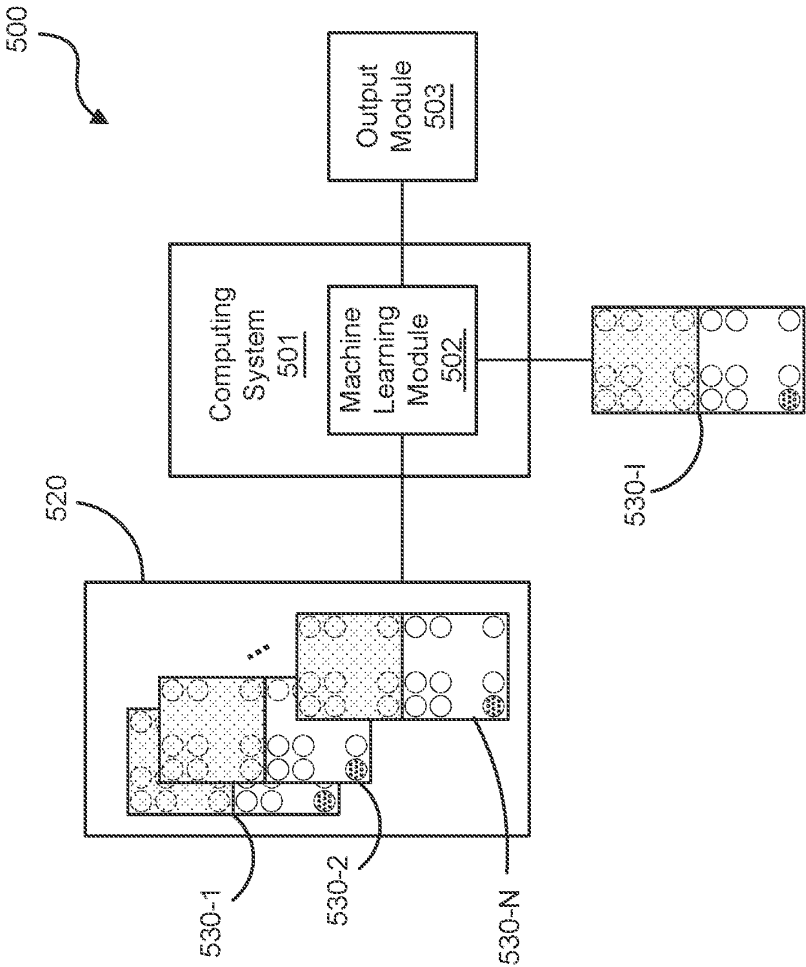


FIG. 5

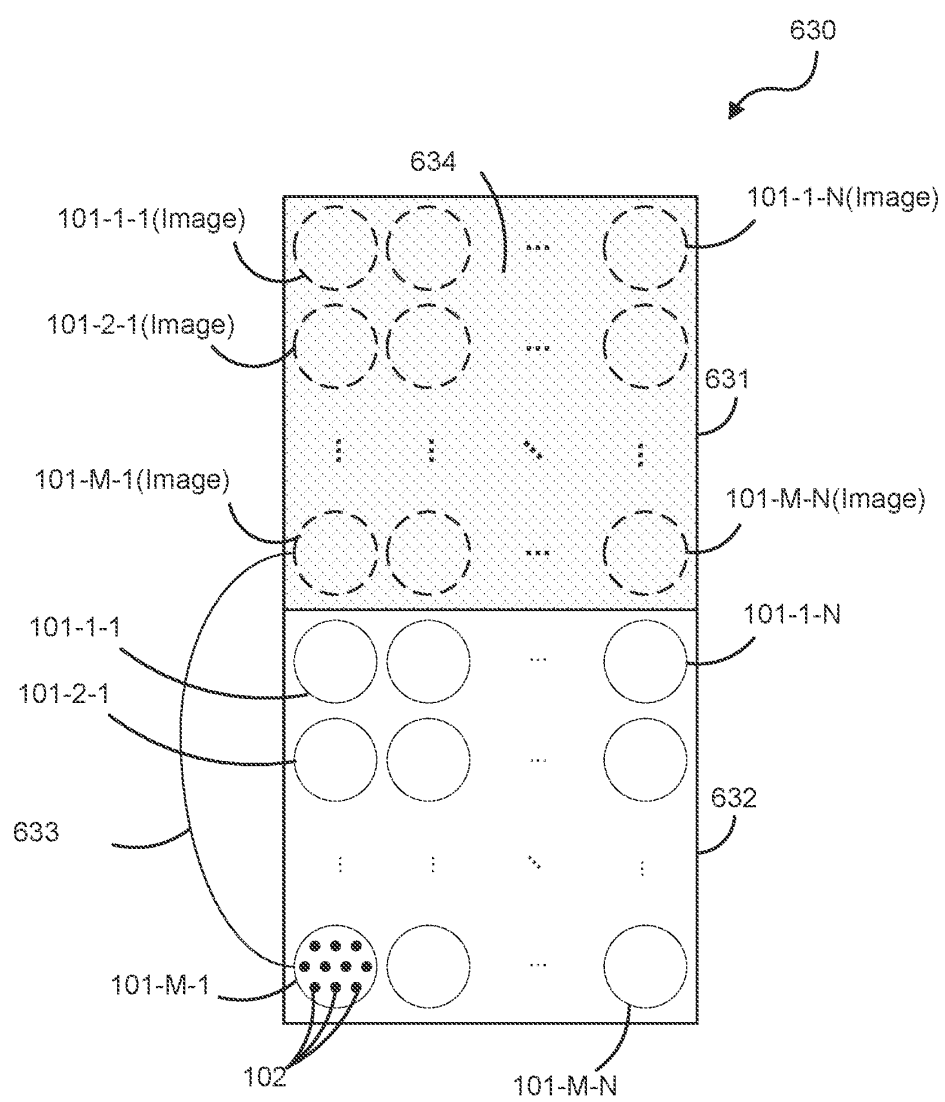


FIG. 6

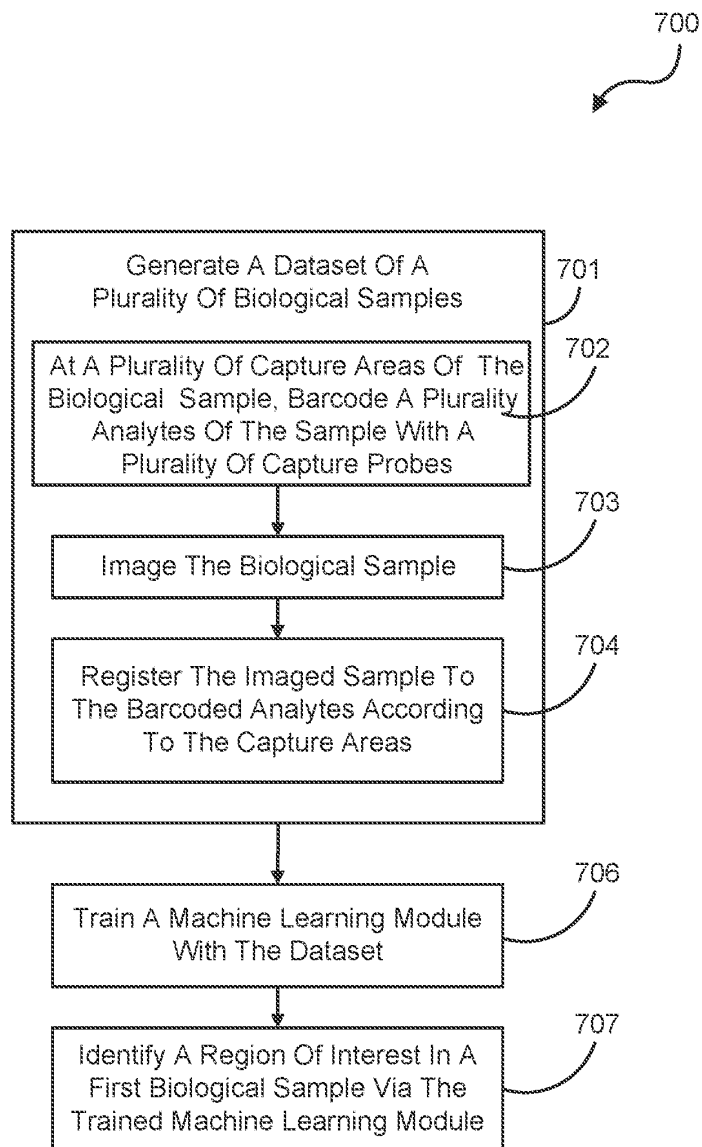


FIG. 7

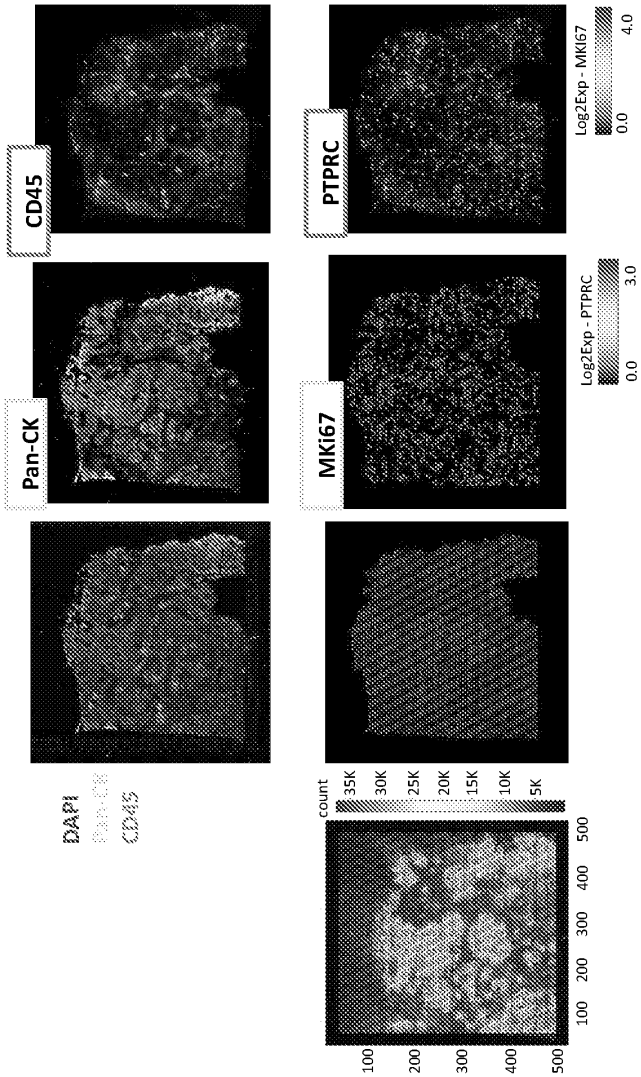


FIG. 8

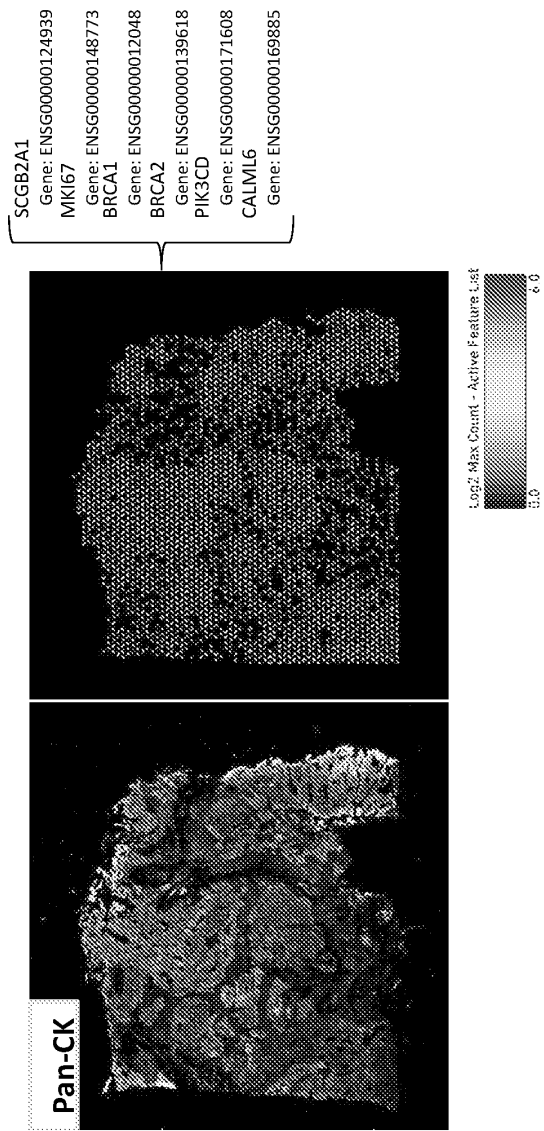


FIG. 9

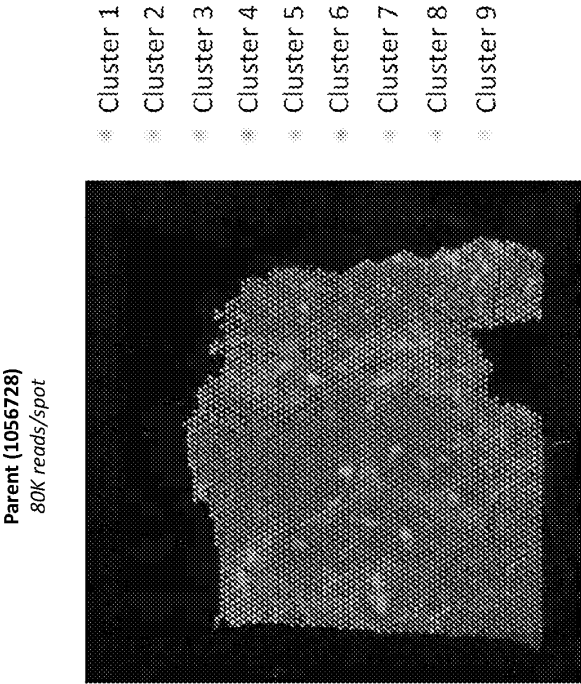
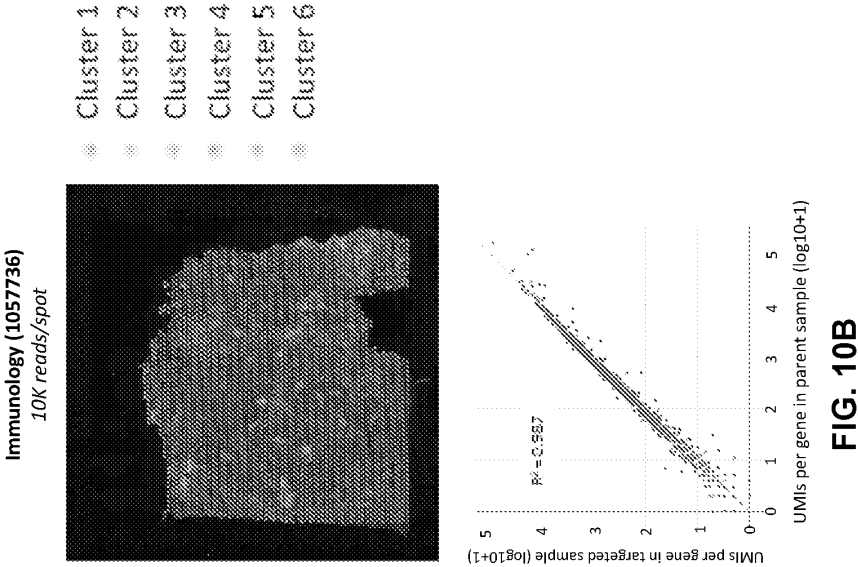


FIG. 10A



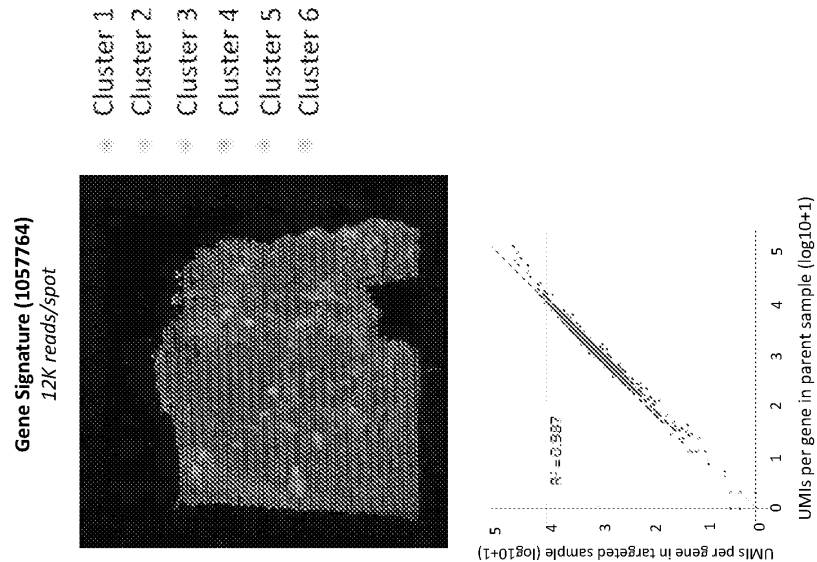


FIG. 10C

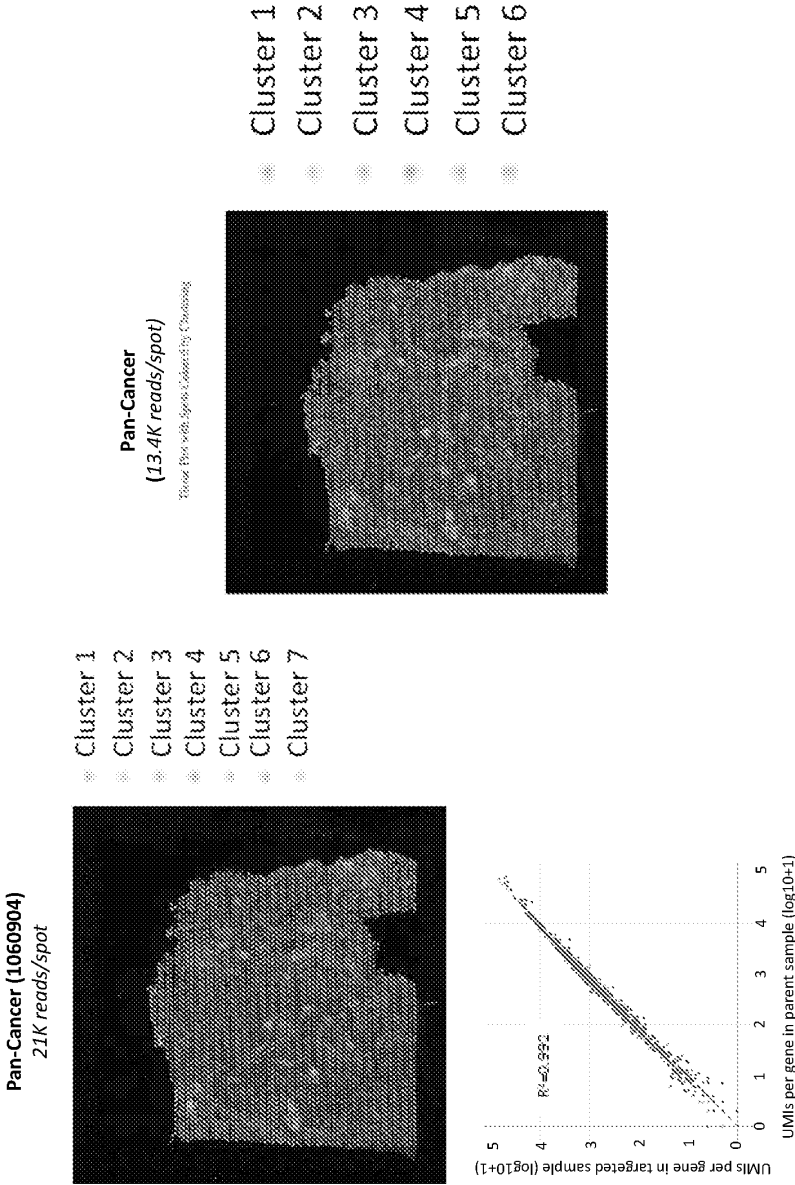


FIG. 10D

T Cell Markers CD3D, CD3E, CD4, CD8A

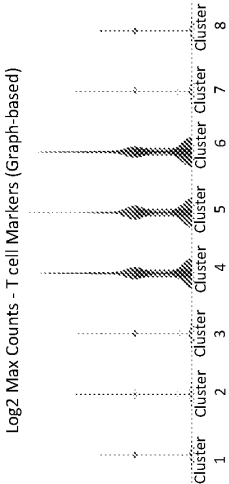


FIG. 11C

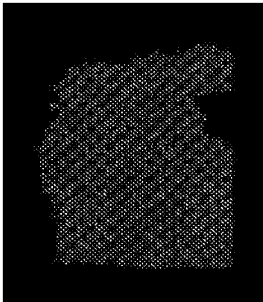


FIG. 11D

B Cell Markers: CD19, CD79A, CD79B

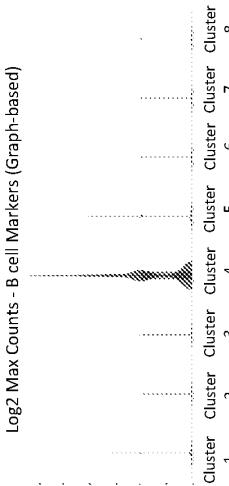


FIG. 11A

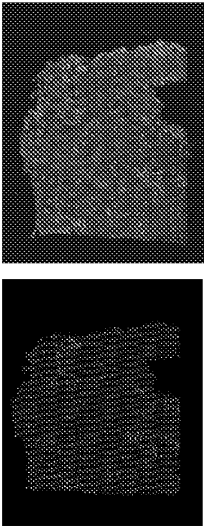


FIG. 11B

CD4, CD14

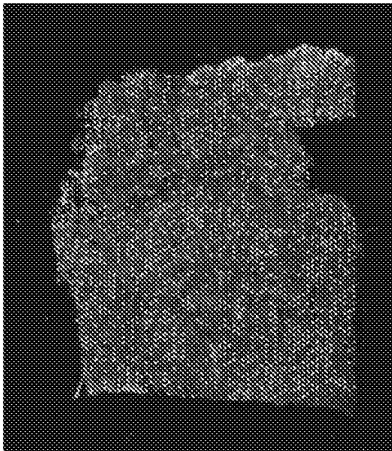


FIG. 12B

T cells CD4, CD3E, CD3D

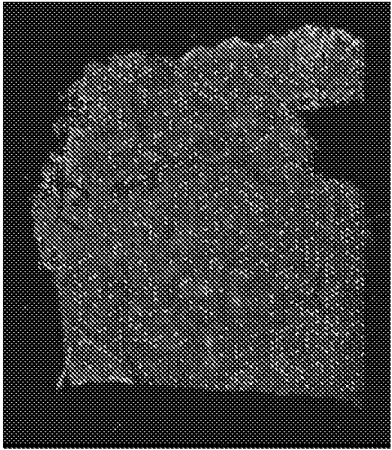


FIG. 12A

Monocyte markers: CD14+

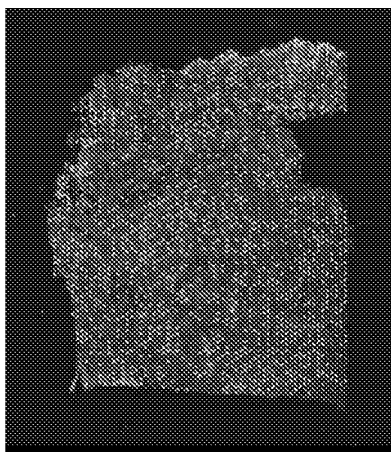


FIG. 13

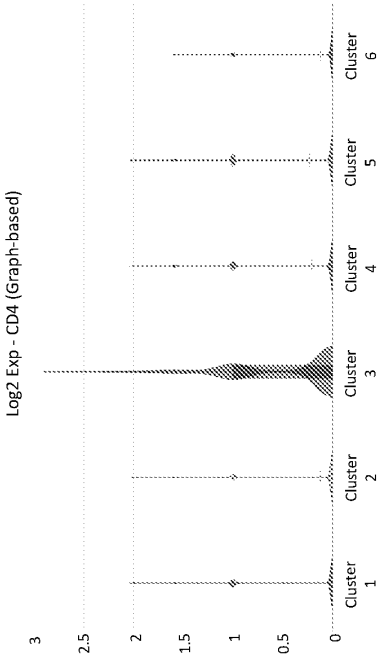
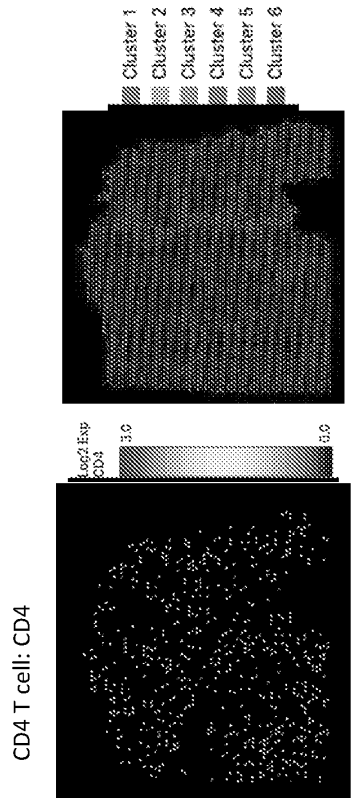


FIG. 14

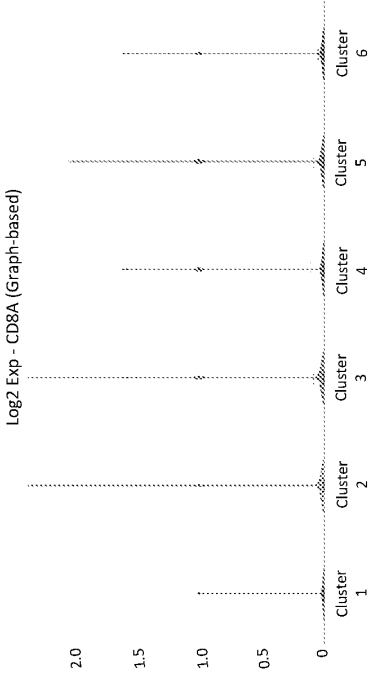
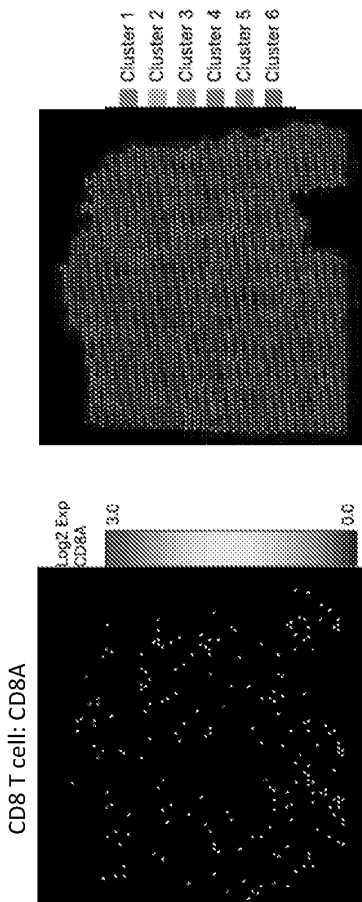


FIG. 15

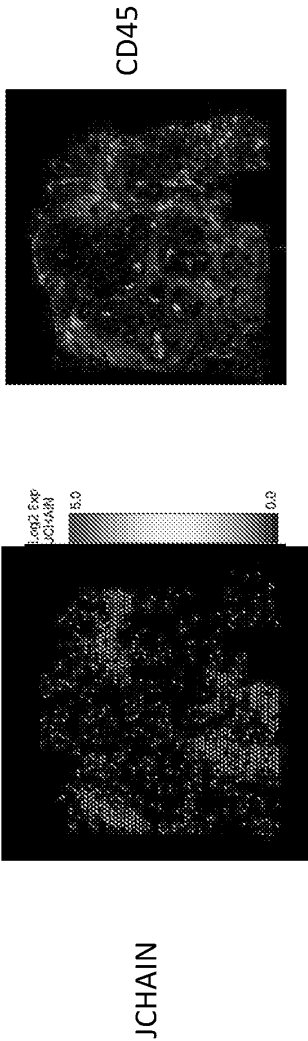
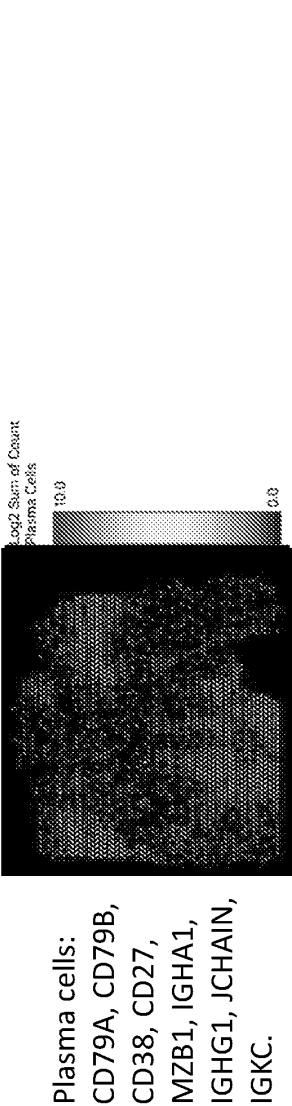


FIG. 16C

Monocyte marker: (FCGR3A) CD16

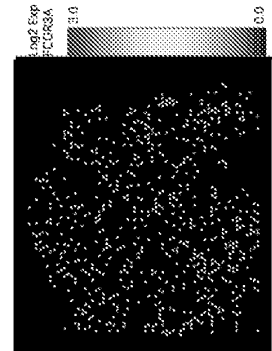


FIG. 17B

Monocyte marker: CD14

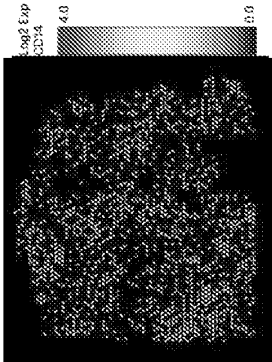


FIG. 17A

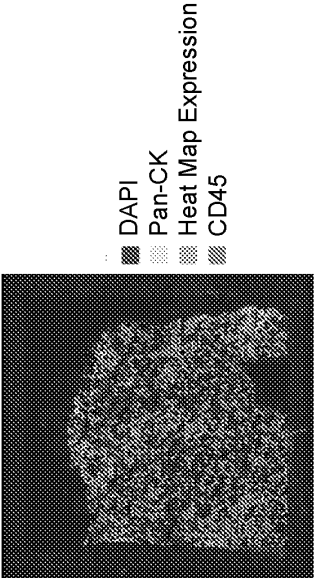


FIG. 17C

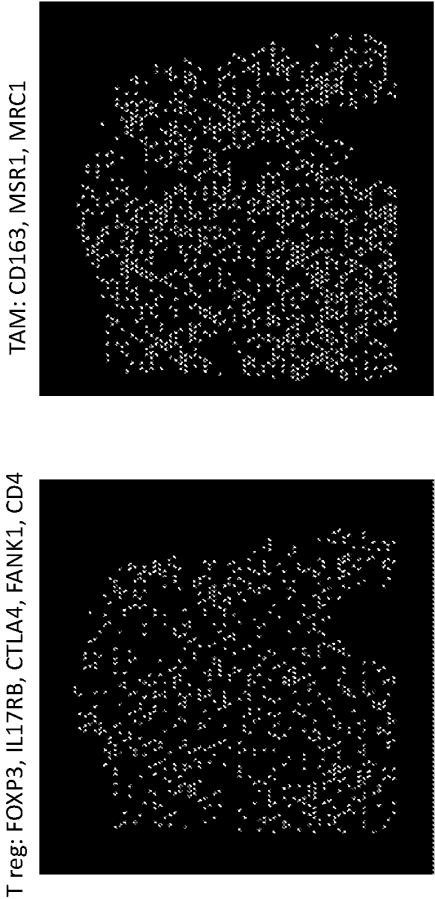


FIG. 18

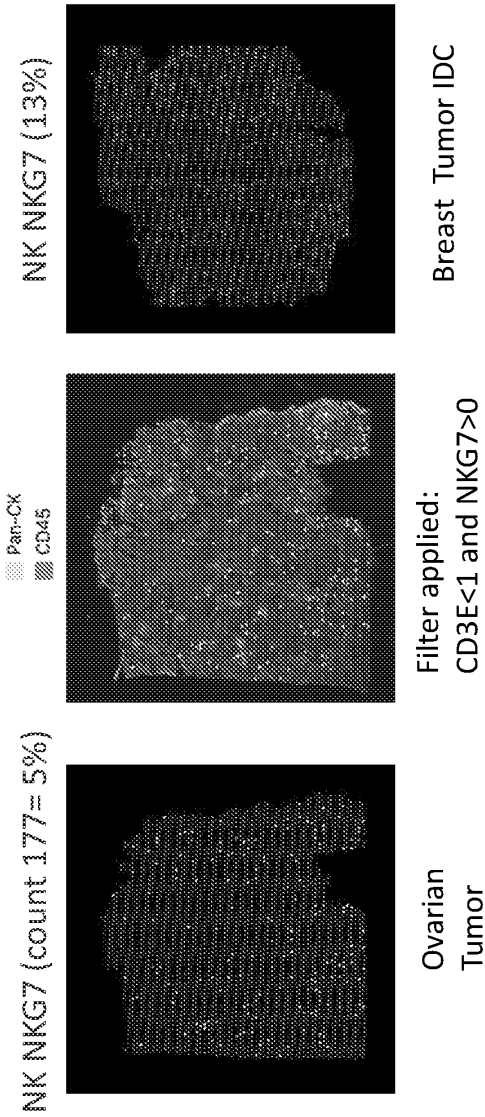


FIG. 19

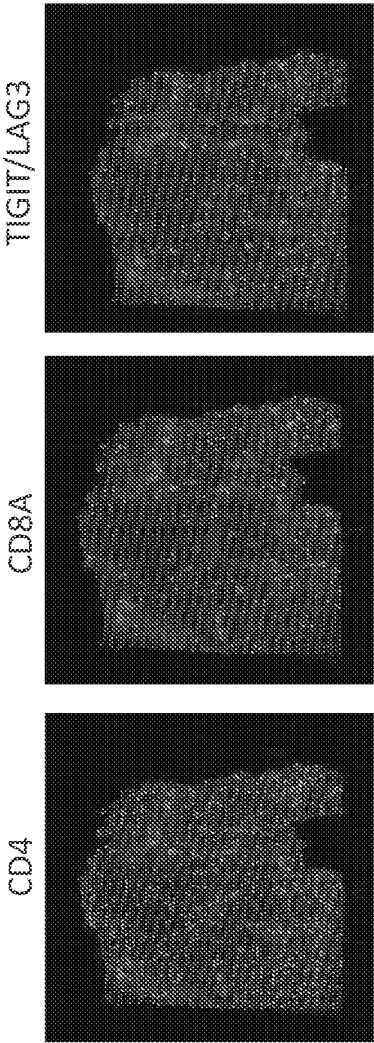


FIG. 20

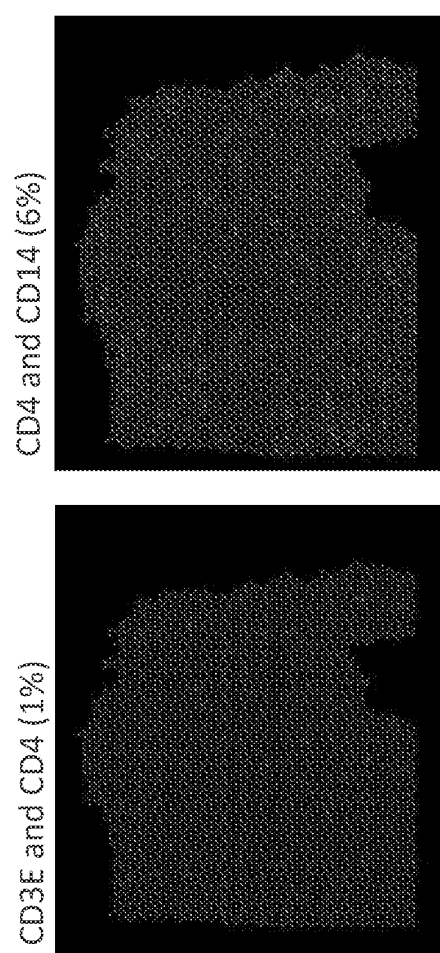


FIG. 21

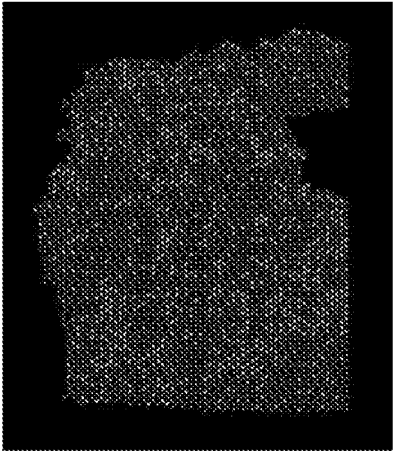
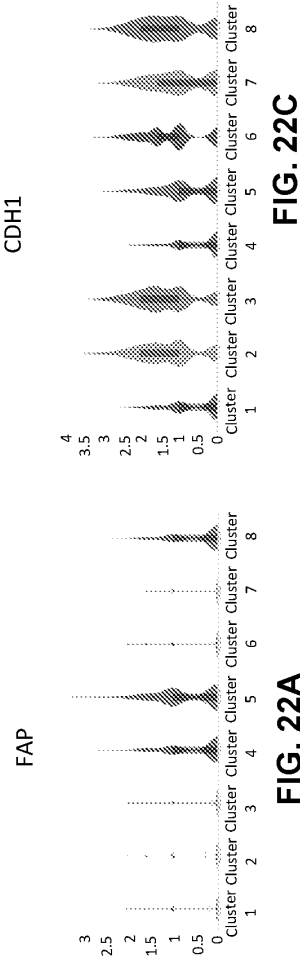


FIG. 22B

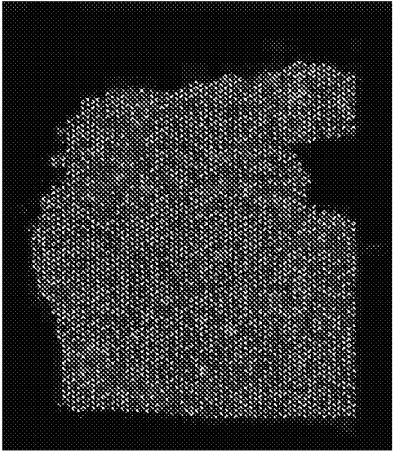


FIG. 22D

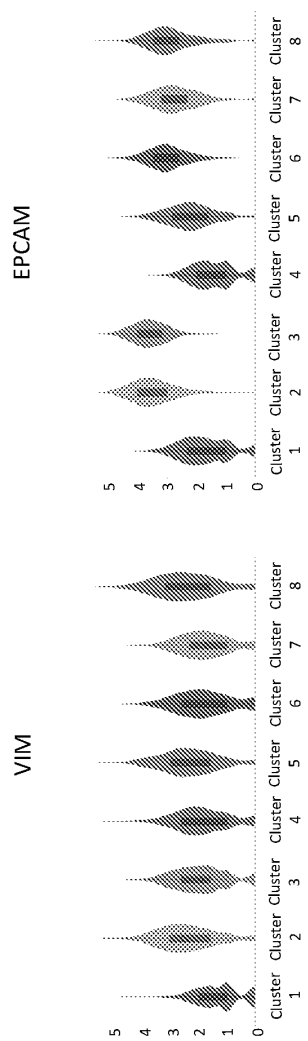


FIG. 23C

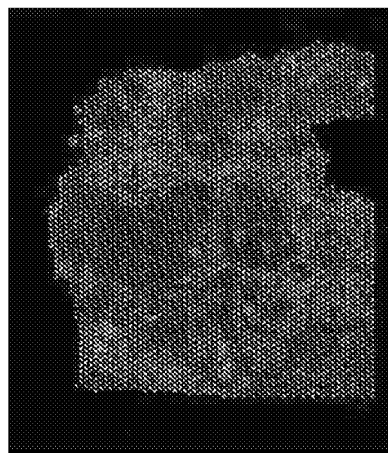


FIG. 23D

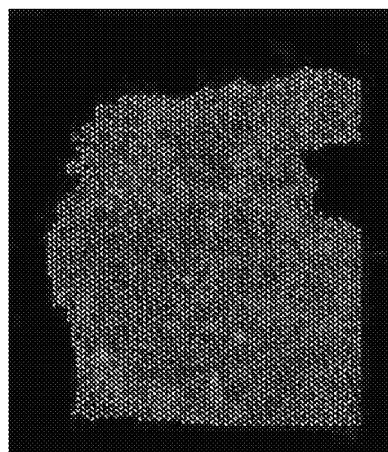


FIG. 23B

BRCA1, BRCA2, MYC, TP53, PALB2, RAD51, MSH2

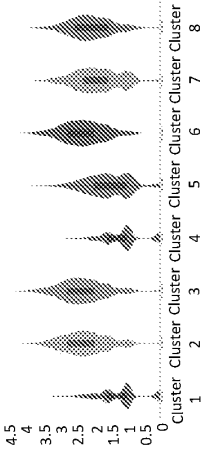


FIG. 24A

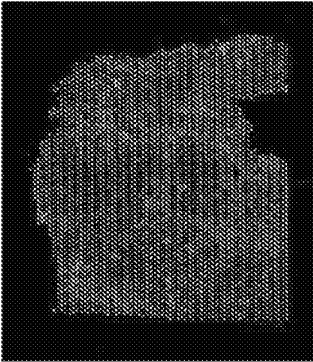


FIG. 24B

MSH2

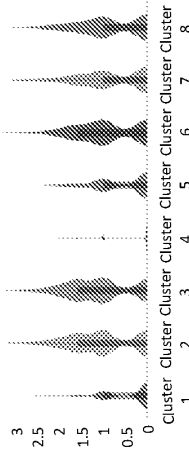


FIG. 24C

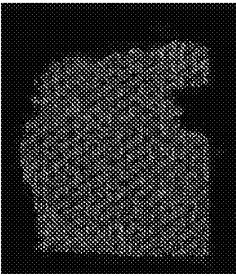


FIG. 24D

BRCA1

BRCA2

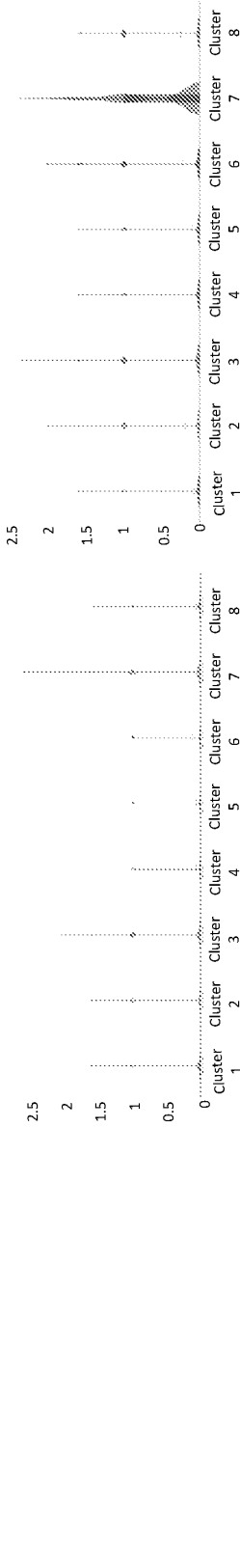


FIG. 25A

FIG. 25C

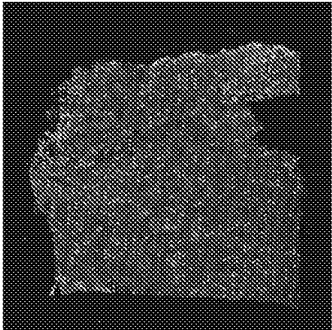
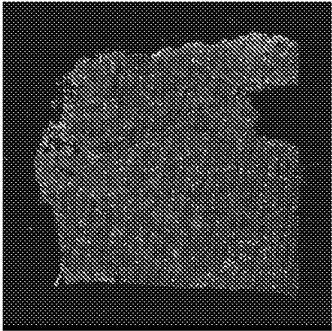
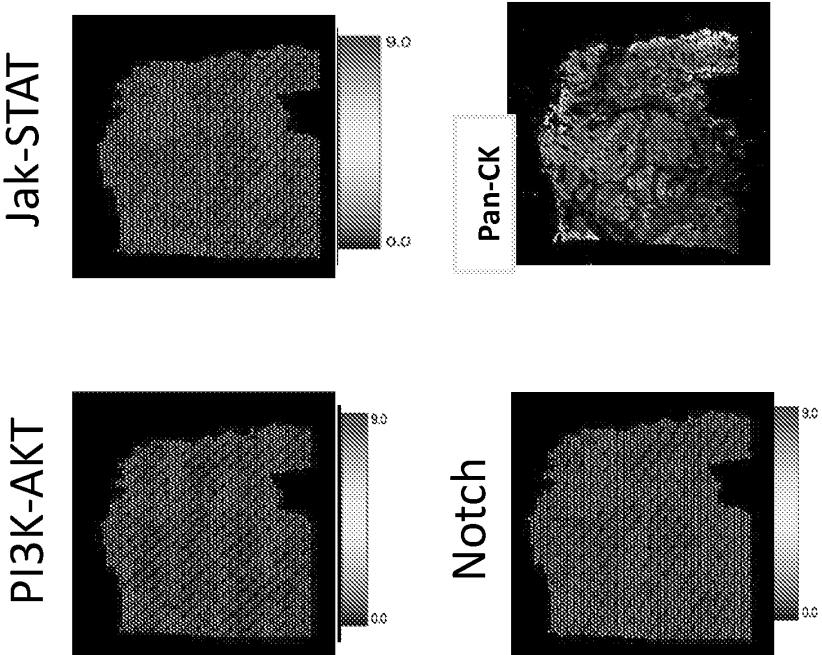


FIG. 25B

FIG. 25D



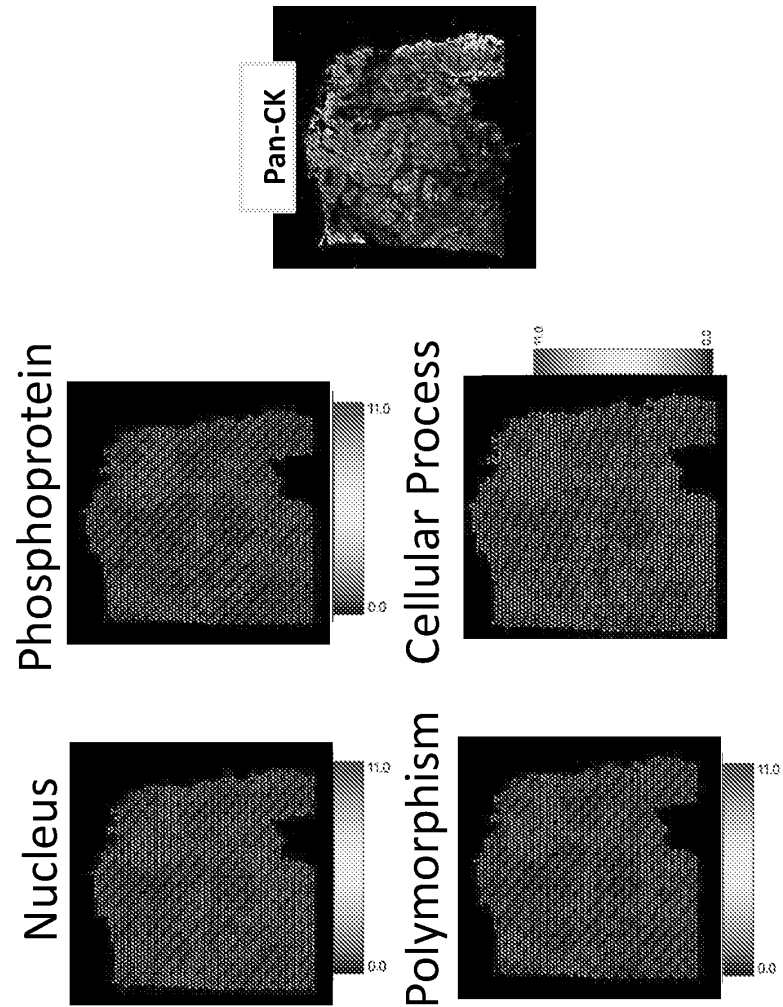
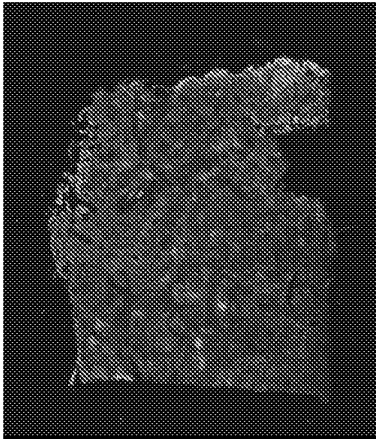
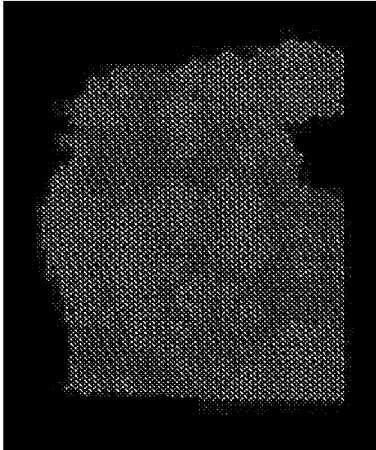


FIG. 28B



Pan-CK Staining
CD45 Staining

FIG. 28A



Cluster 1
Cluster 2

FIG. 28C

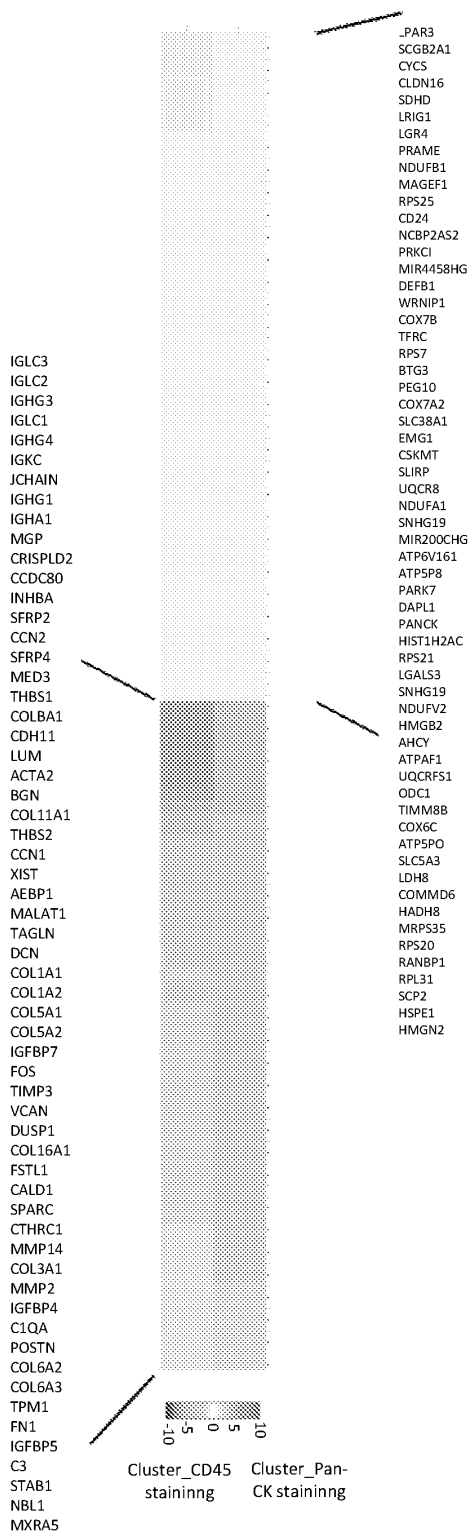
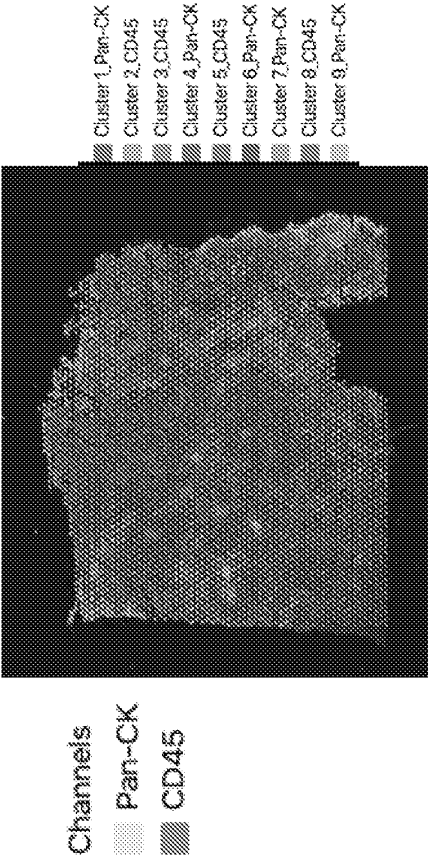


FIG.28D



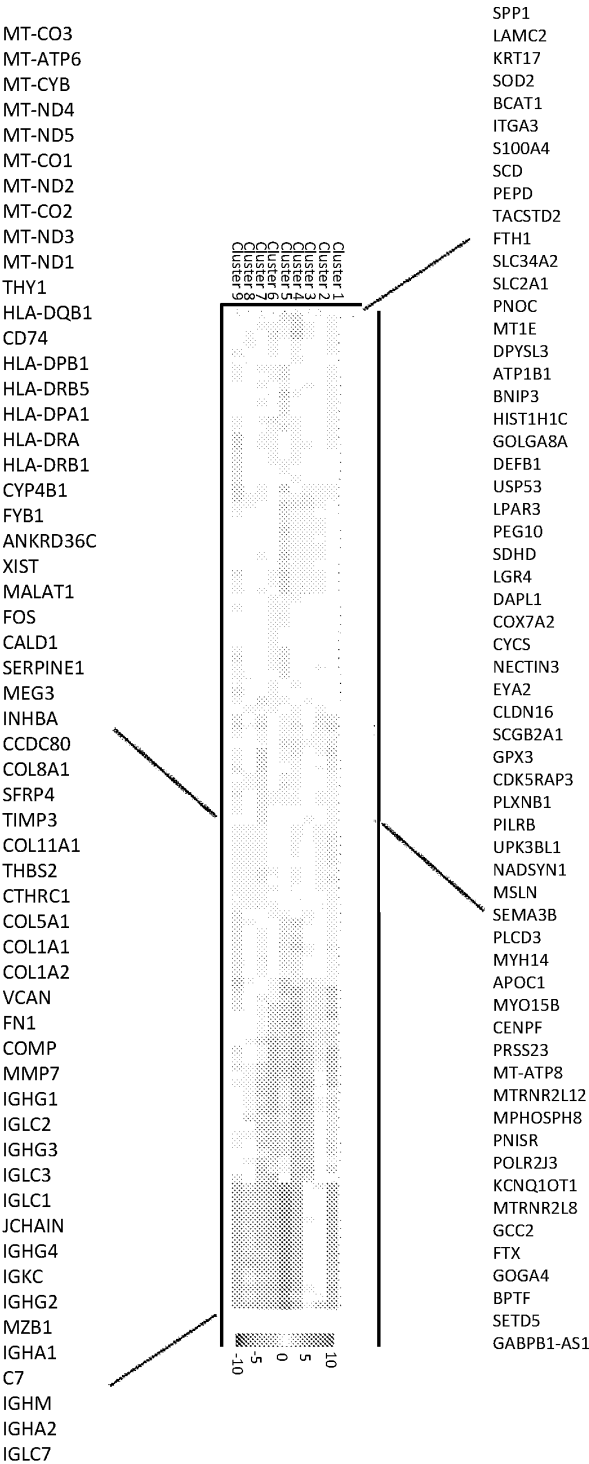


FIG. 28E

FIG. 29B

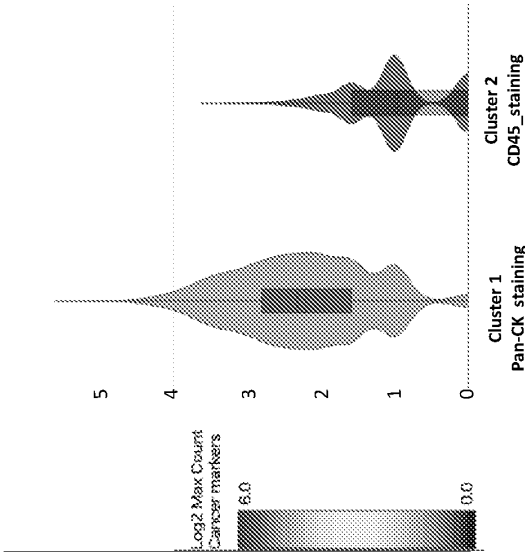


FIG. 29A

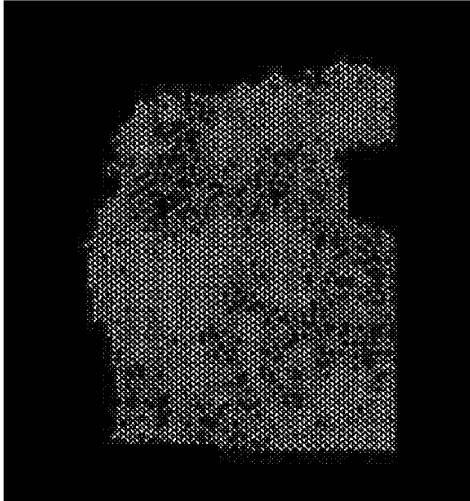


FIG. 30A

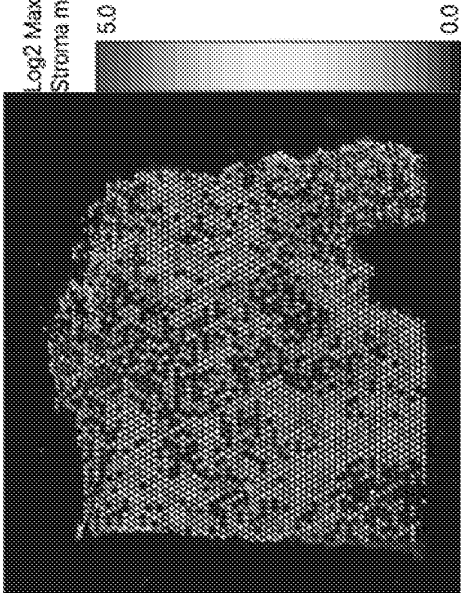


FIG. 30B

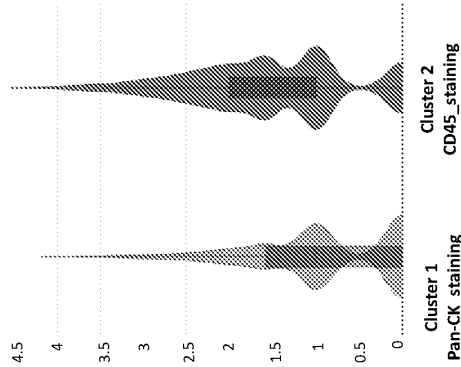


FIG. 31A

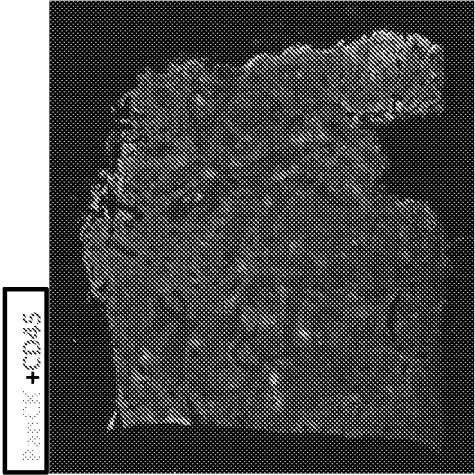


FIG. 31B

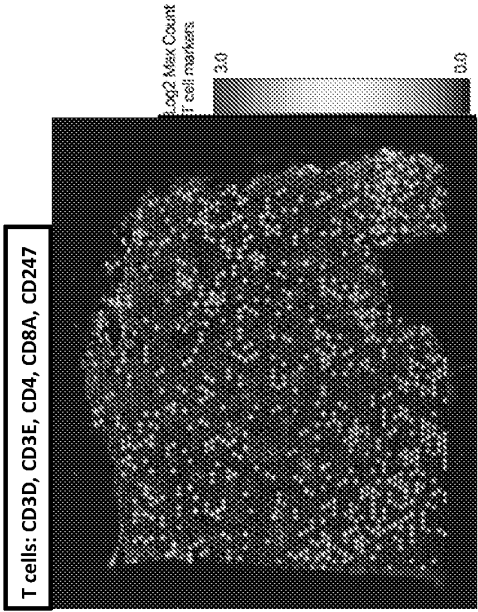


FIG. 31D

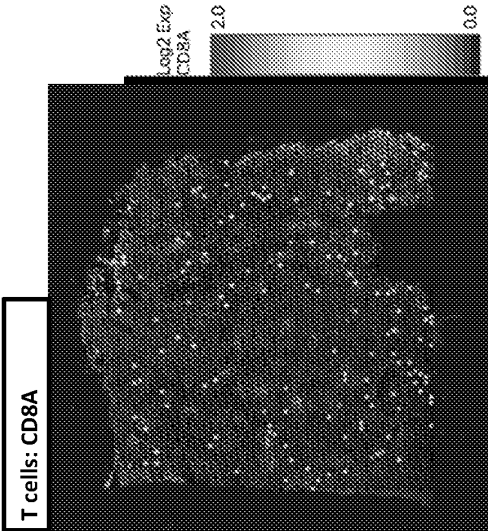


FIG. 31C

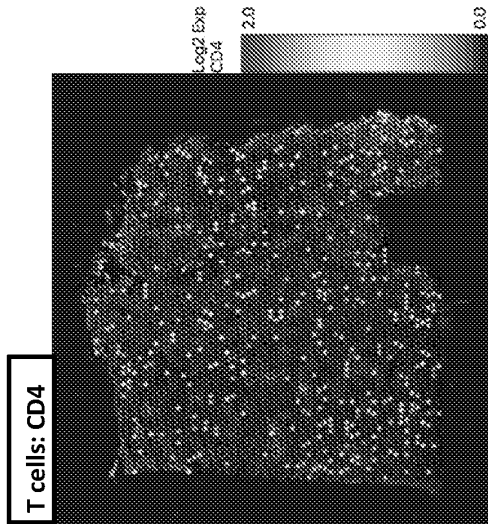


FIG. 31F

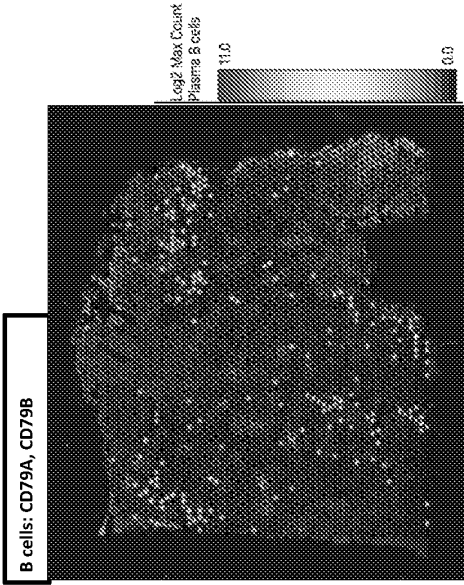


FIG. 31E

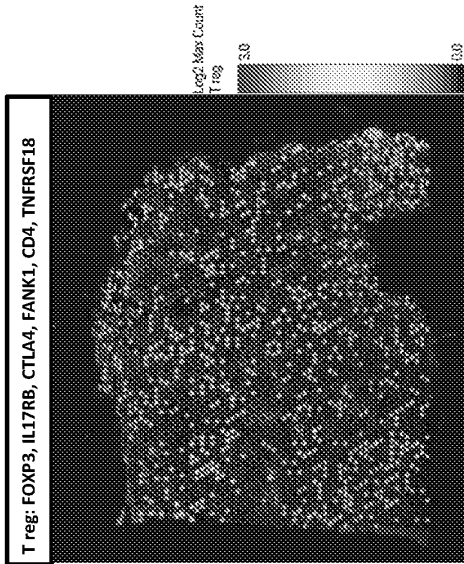


FIG. 31G

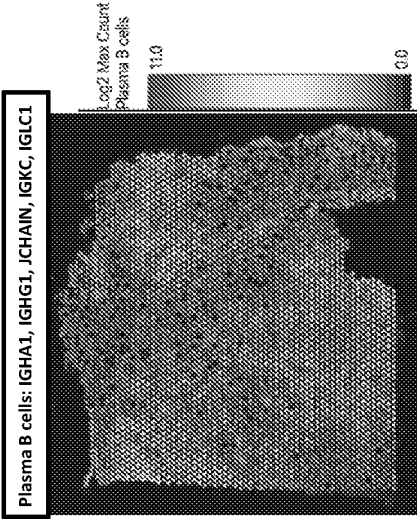


FIG. 31H

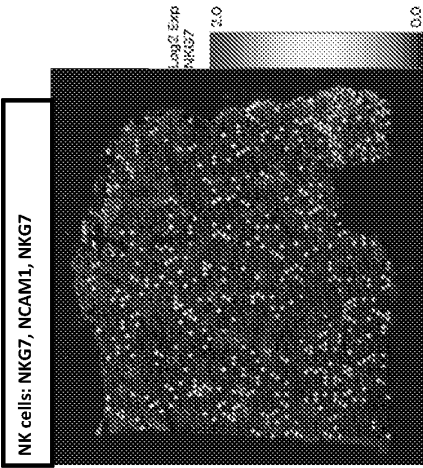


FIG. 31I

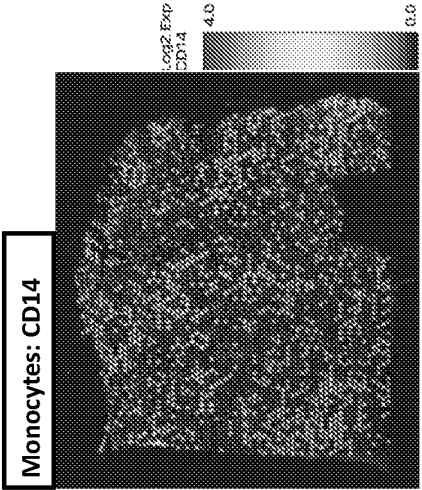


FIG. 31J

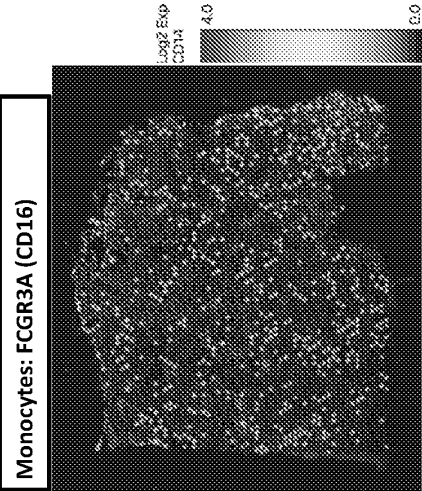


FIG. 31K

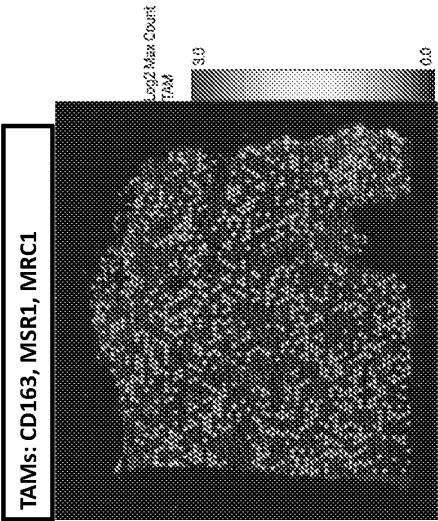


FIG. 32A

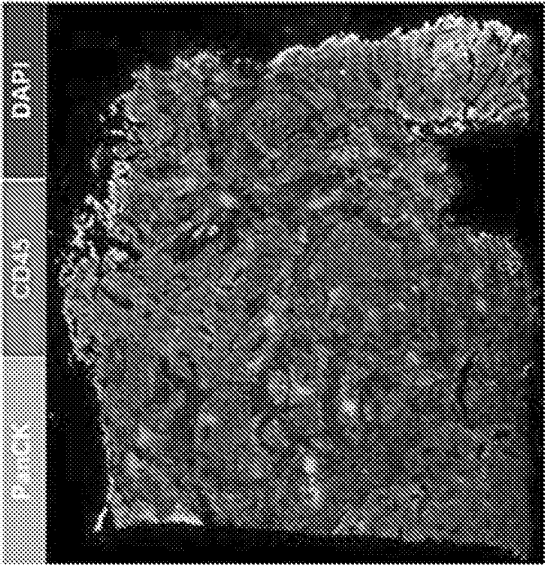
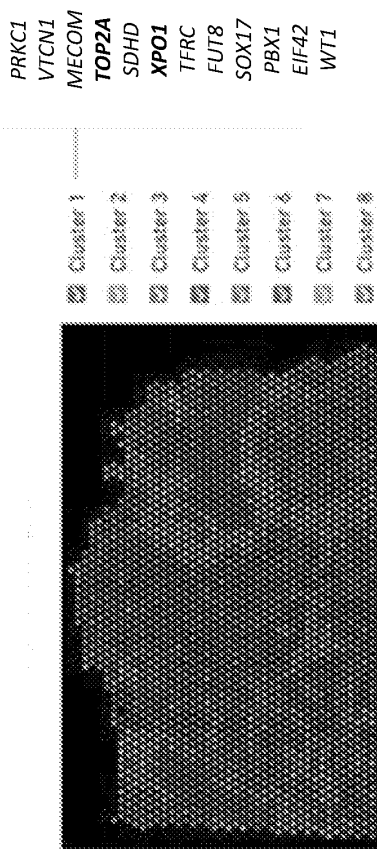


FIG. 32B



Top genes
Cluster 1:
PRKCI
VTCN1
MECOM
TOP2A
SDHD
XPO1
TFRC
FUT8
SOX17
PBX1
EIF42
WT1

