FIG. 1

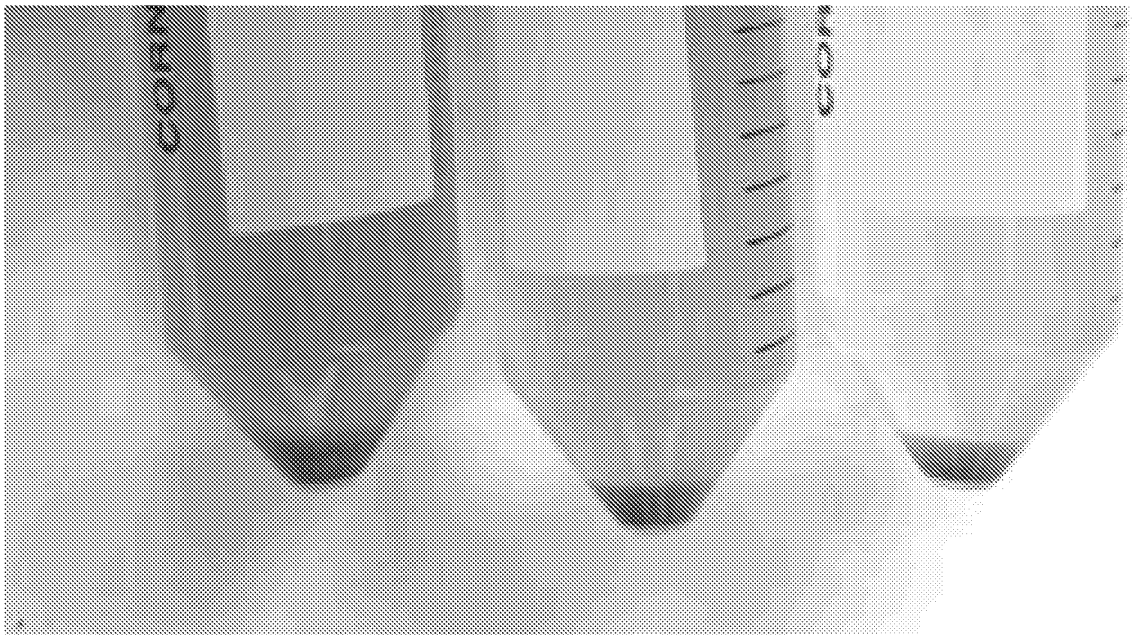


FIG. 2

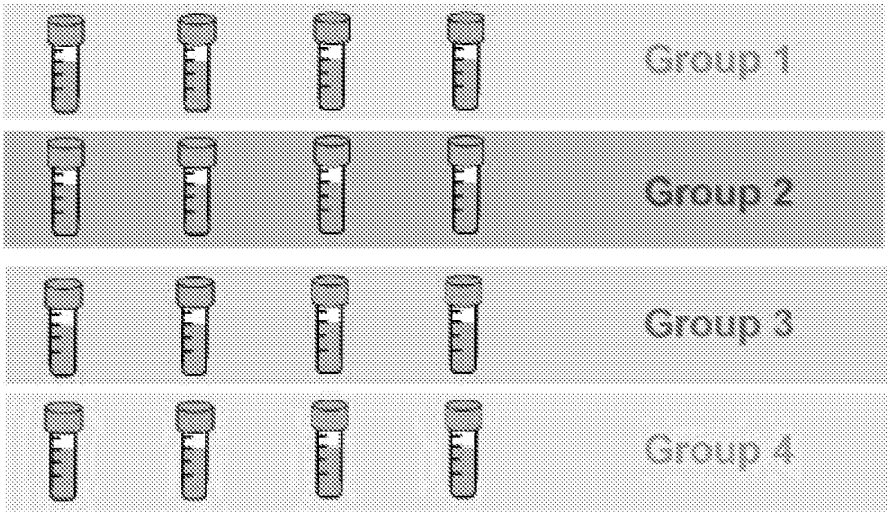


FIG. 3

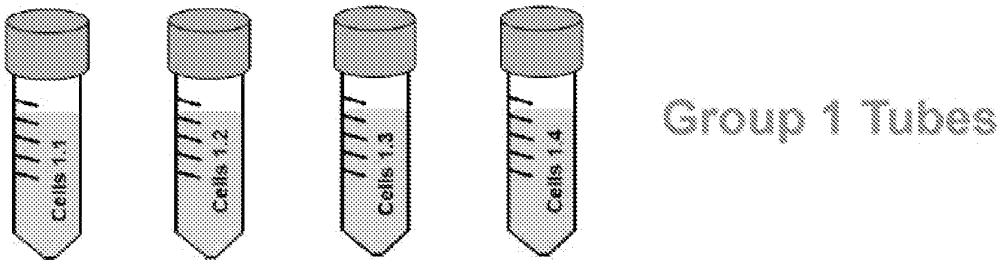


FIG. 4

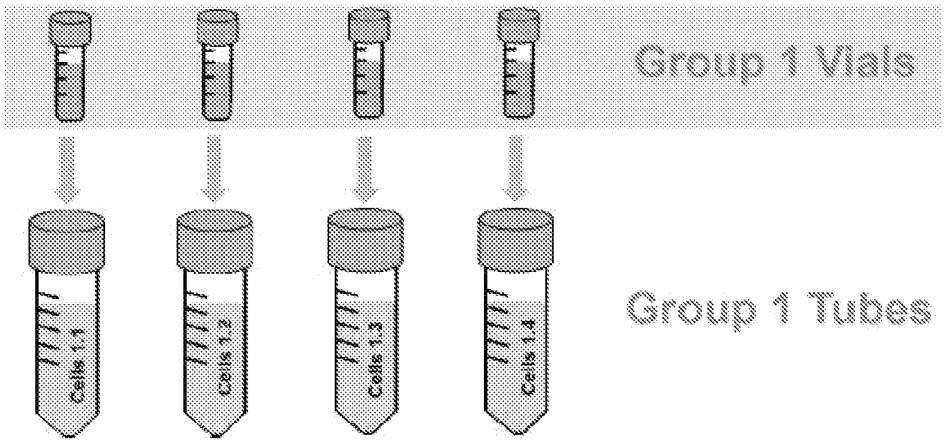


FIG. 5

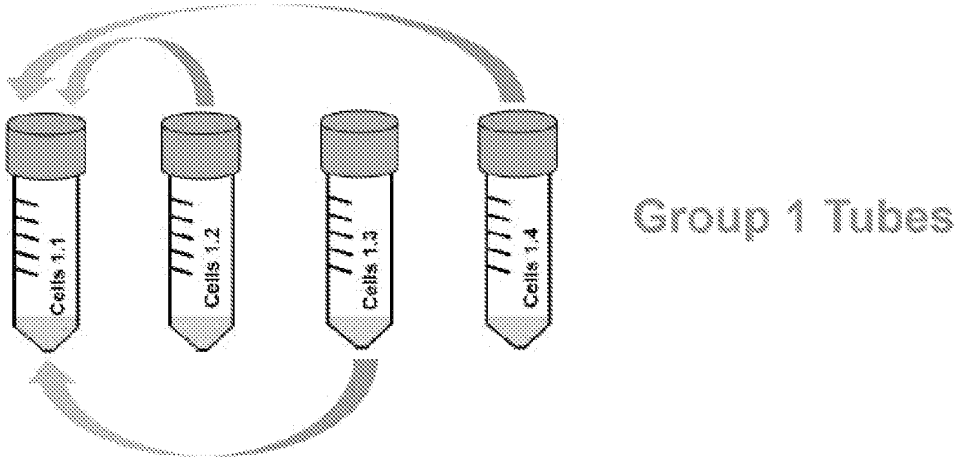


FIG. 6

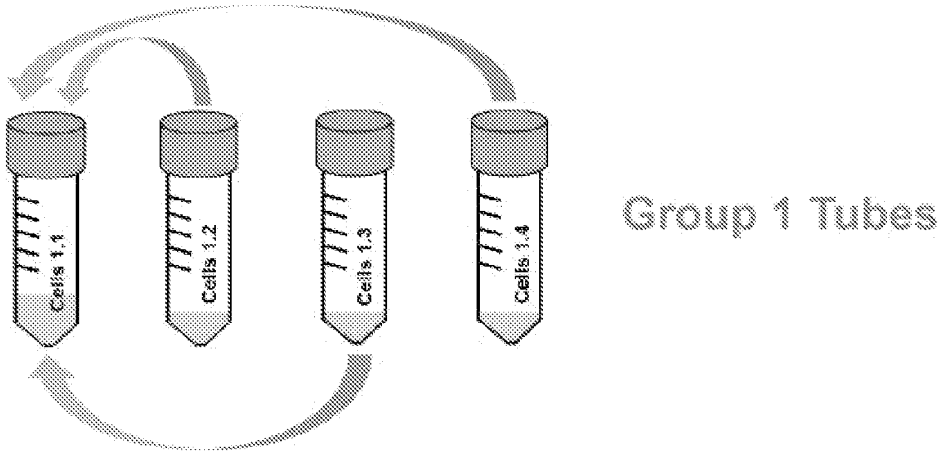


FIG. 7

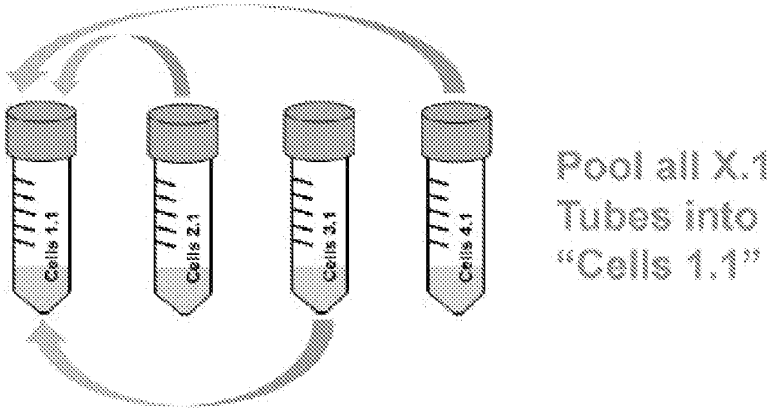


FIG. 8A

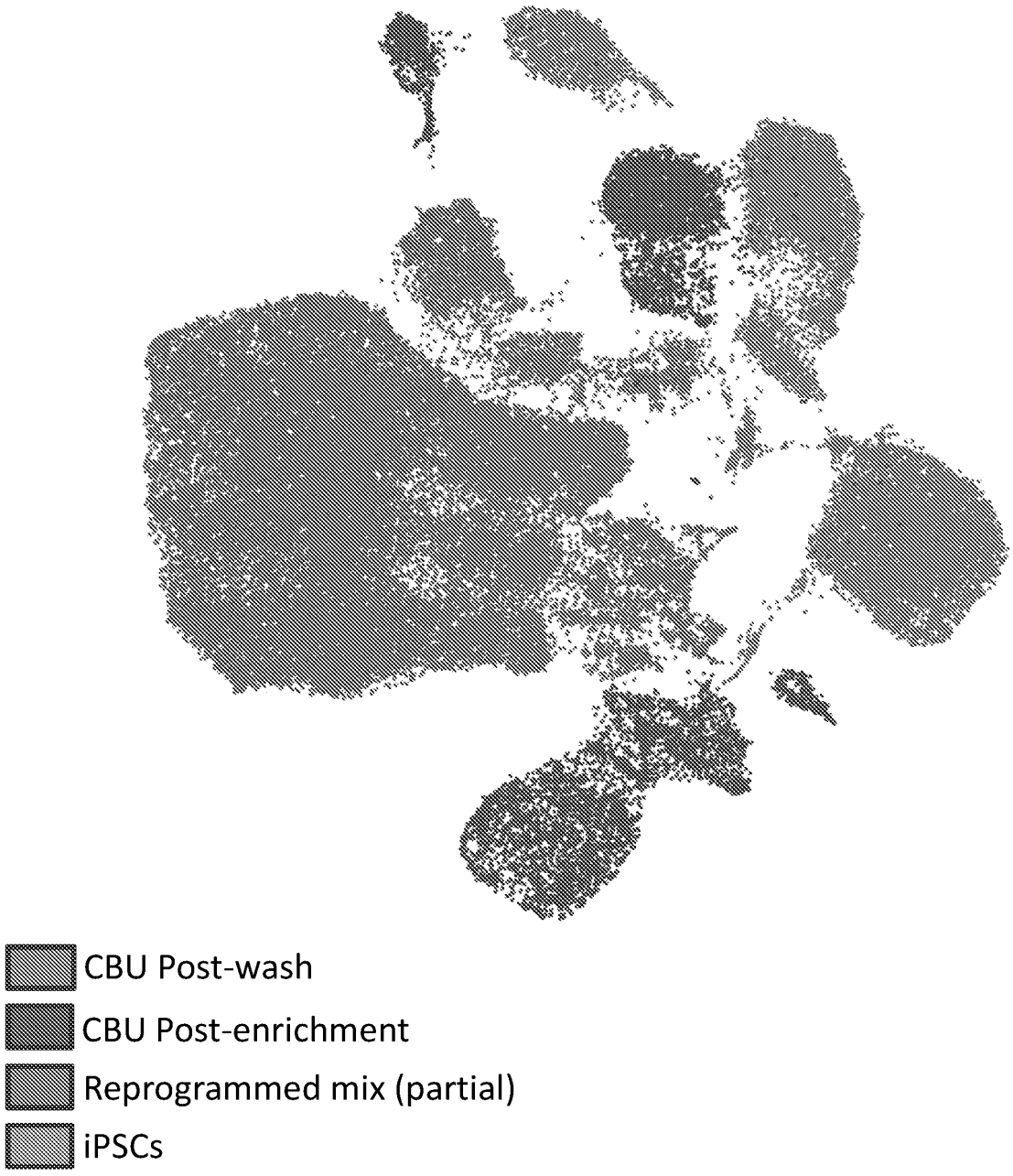

CBU Post-wash
CBU Post-enrichment
Reprogrammed mix (partial)
iPSCs

FIG. 8B

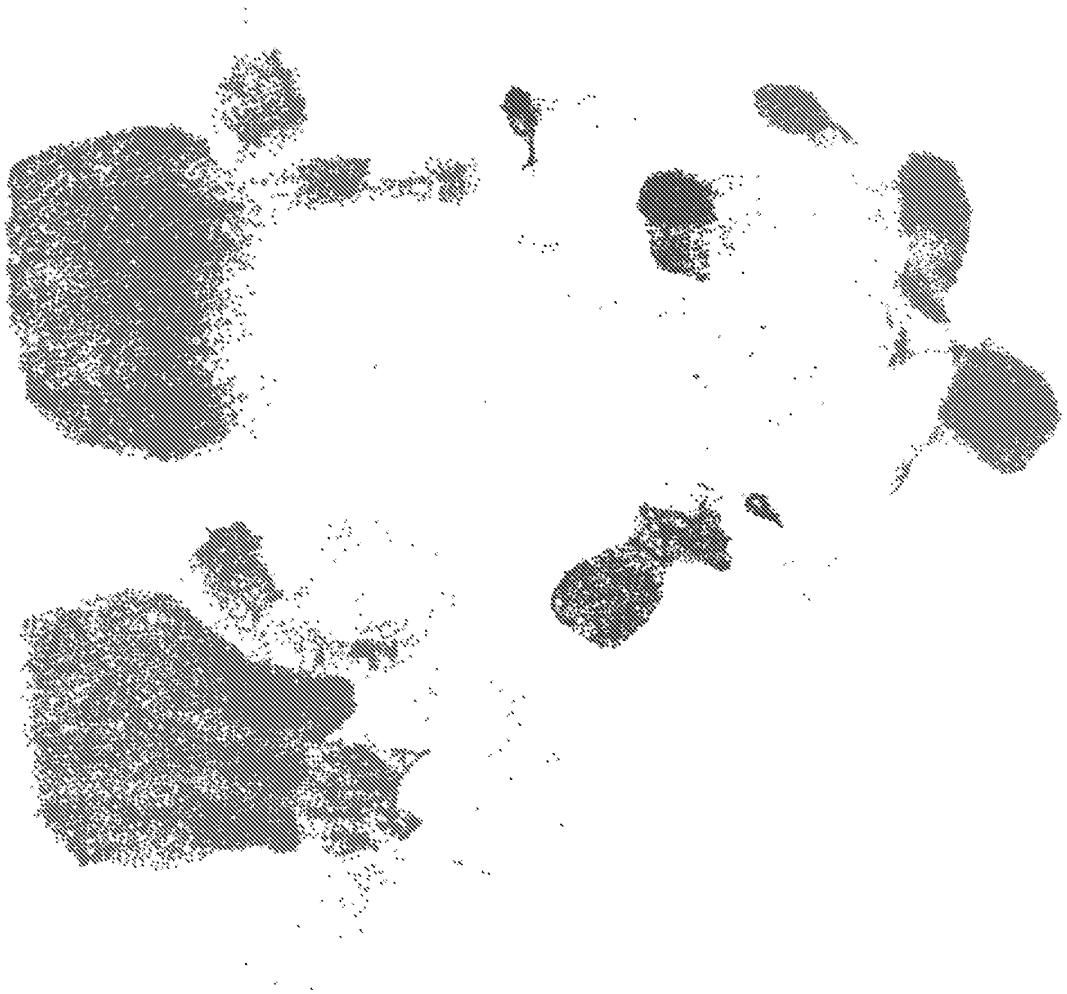

CBU_post_wash (12807)
Reprogrammed_Mix (221...
CBU_post_enrichment (8...
iPSCs (17146)

FIG. 9



DividingPSCs_iPSCs (0) *[21%; 12885]*
Pluripotency_iPSCs (1) *[19%; 11714]*
OxPhos/DNARepair_iPSCs (9) *[3%; 2046]*
Metab/ECM_iPSCs (12) *[2%; 1455]*
Ecto/Endo_Partial repro_ReproMix (3) *[8%; 4866]*
Ecto/Meso_Partial repro_ReproMix (5) *[6%; 3859]*
Meso_Partial repro_ReproMix (8) *[4%; 2455]*
T cells_CBU Post Wash (4). *[8%; 4639]*
Monocytes/Neutrophils_CBU Post Wash (2) *[11%; 6540]*
B cells_CBU Post Wash (11). *[2%; 1494]*
T cells_CBU Post Enrich (6) *[5%; 3169]*
Erythroid Prog./HSCs_CBU Post Enrich. (7). *[4%; 2554]*
Granulocyte-Monocyte Prog./HSCs_CBU Post Enrich. (10). *[3%;; 1852]*
B cells_CBU Post Enrich (13). *[1%; 744]*
Macrophage/Monocyte_CBU Post Enrich. (14). *[0%; 300]*

FIG. 10

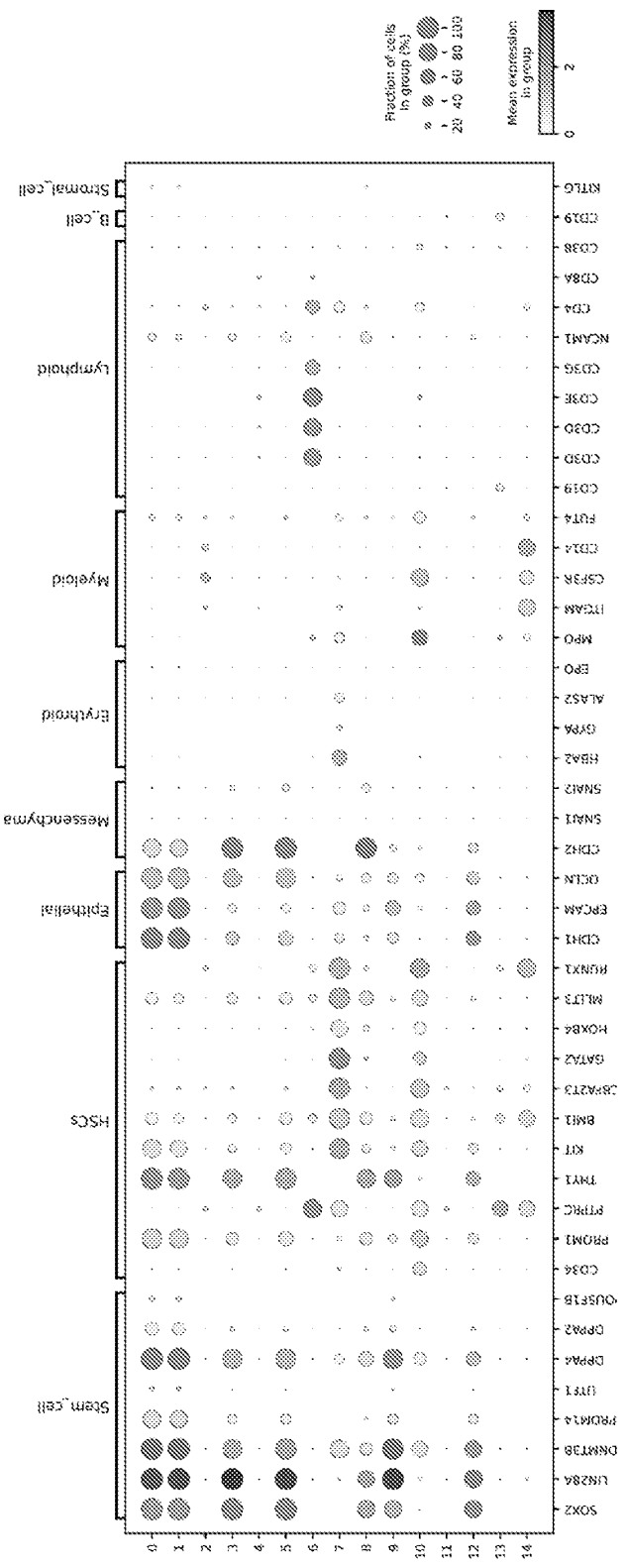
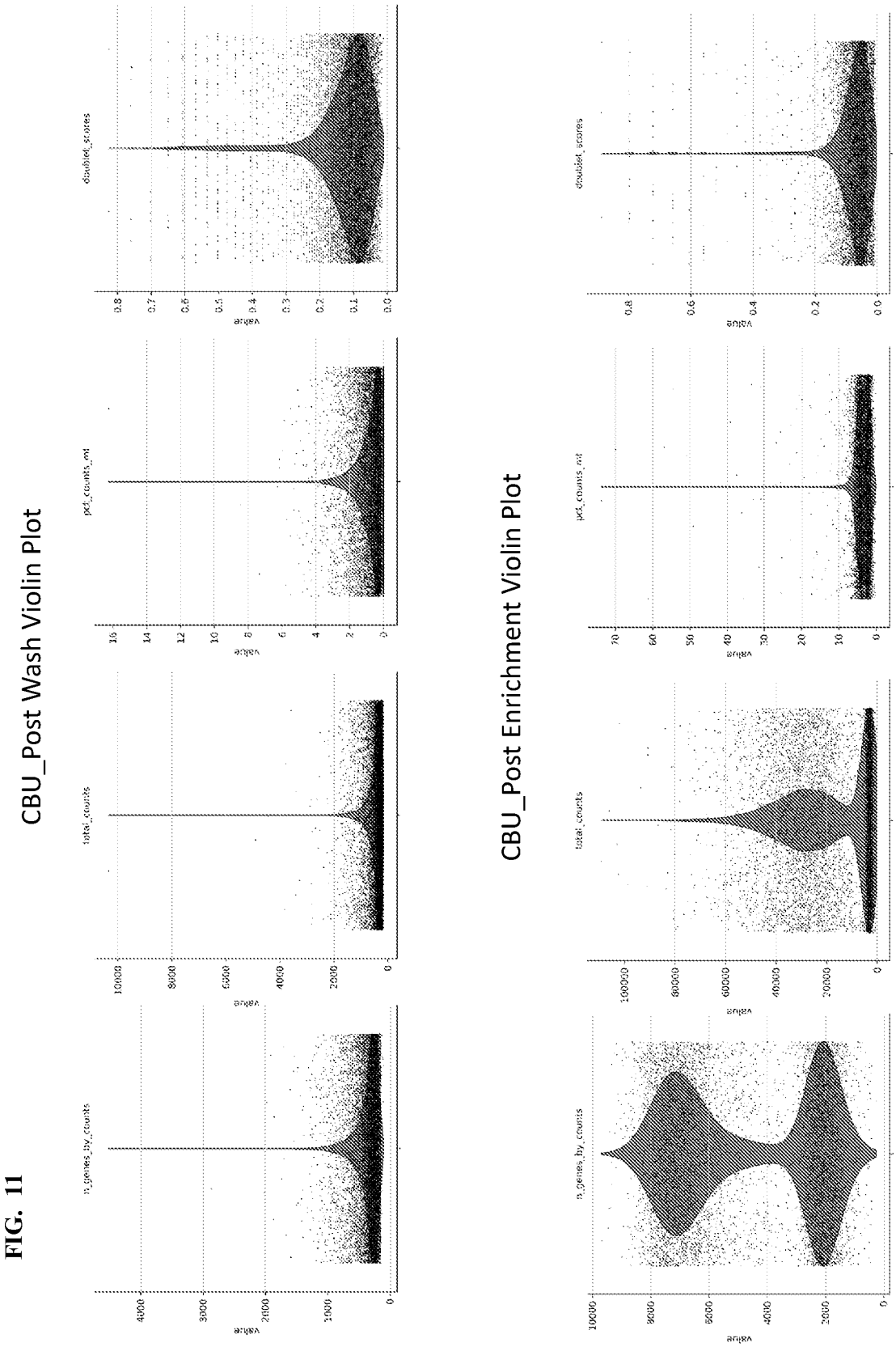

Fraction of cells in group (%)
20 40 60 80 100
Mean expression in group
0 2
SOX2
USH2A
DNMT3B
PRDM14
UTF1
DPPA4
DPPA2
POU5F1B
CD34
PRDM1
PTPRC
THY1
KIT
BMI1
ZBPA2T3
GATA2
HOXB4
MLLT3
RUNX1
CDH1
EPCAM
OCLN
CDH2
SNAI1
SNAI2
HBA2
GYPA
ALAS2
EPO
MPO
ITGAM
CSF3R
CD14
FUT4
CD19
CD3D
CD3D
CD3E
CD3G
NCAM1
CD4
CD8A
CD38
CD19
KITLG
Stem_cell
Erythroid
Mesenchyma
Epithelial
HSCs
Myeloid
lymphoid
B_cell
Stromal_cell

FIG. 11


CBU_Post Wash Violin Plot
CBU_Post Enrichment Violin Plot
n_genes_by_counts
total_counts
pct_counts_mt
doublet_scores
value

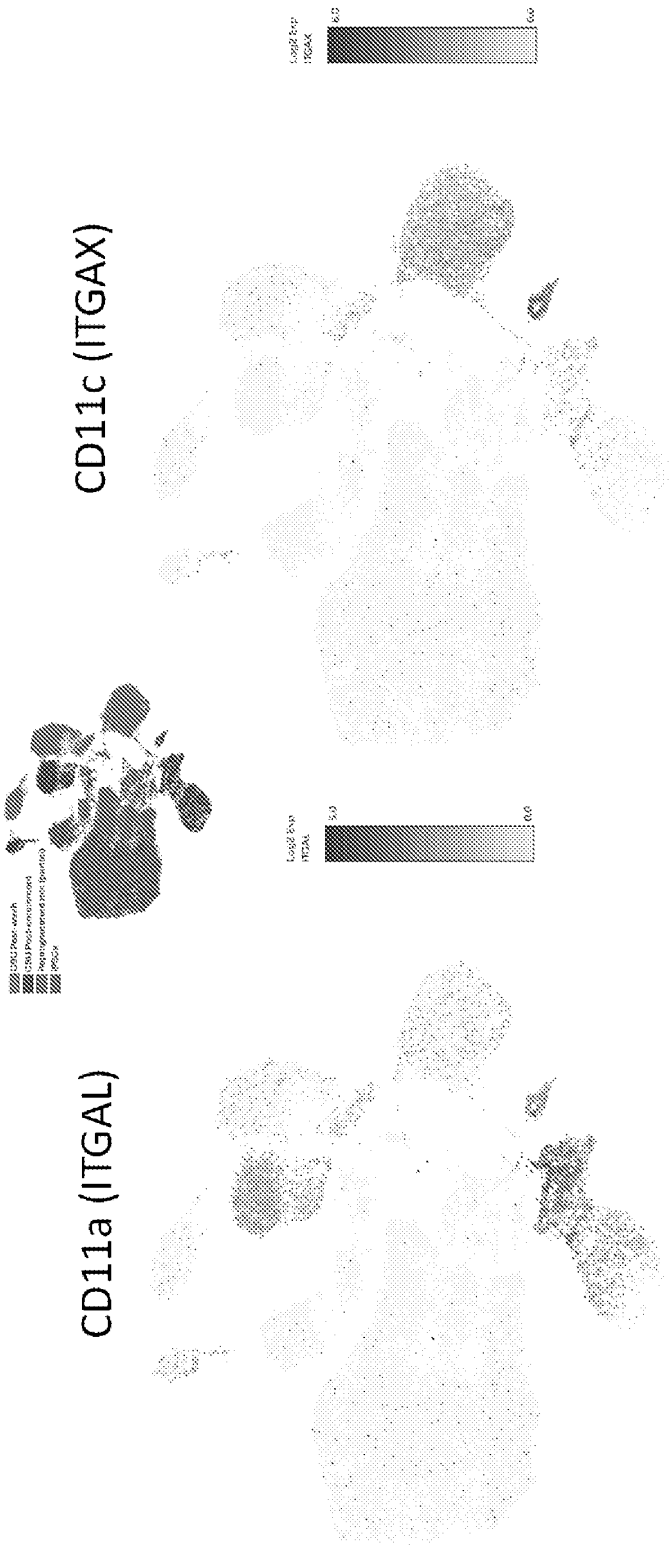


FIG. 12

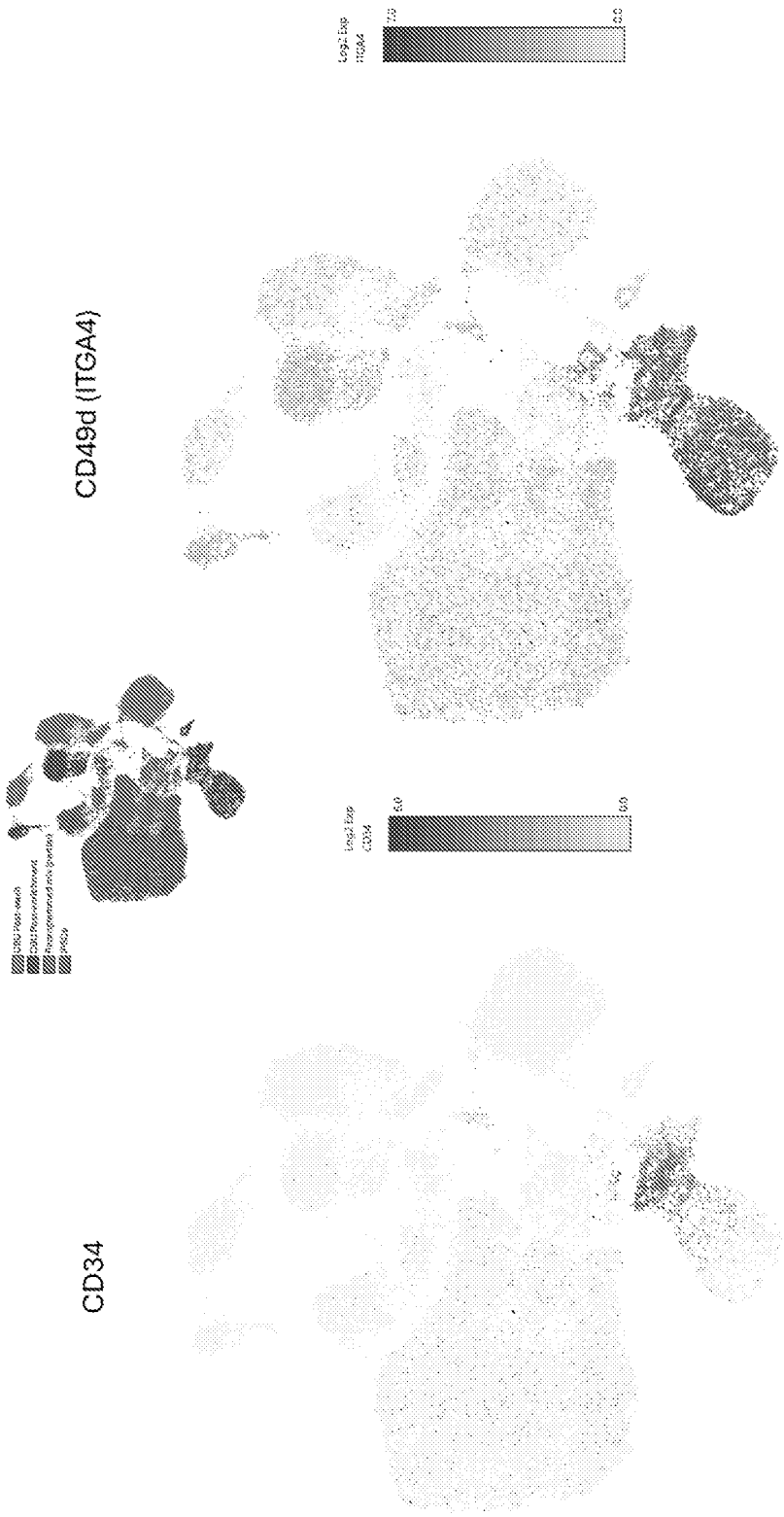


FIG. 13

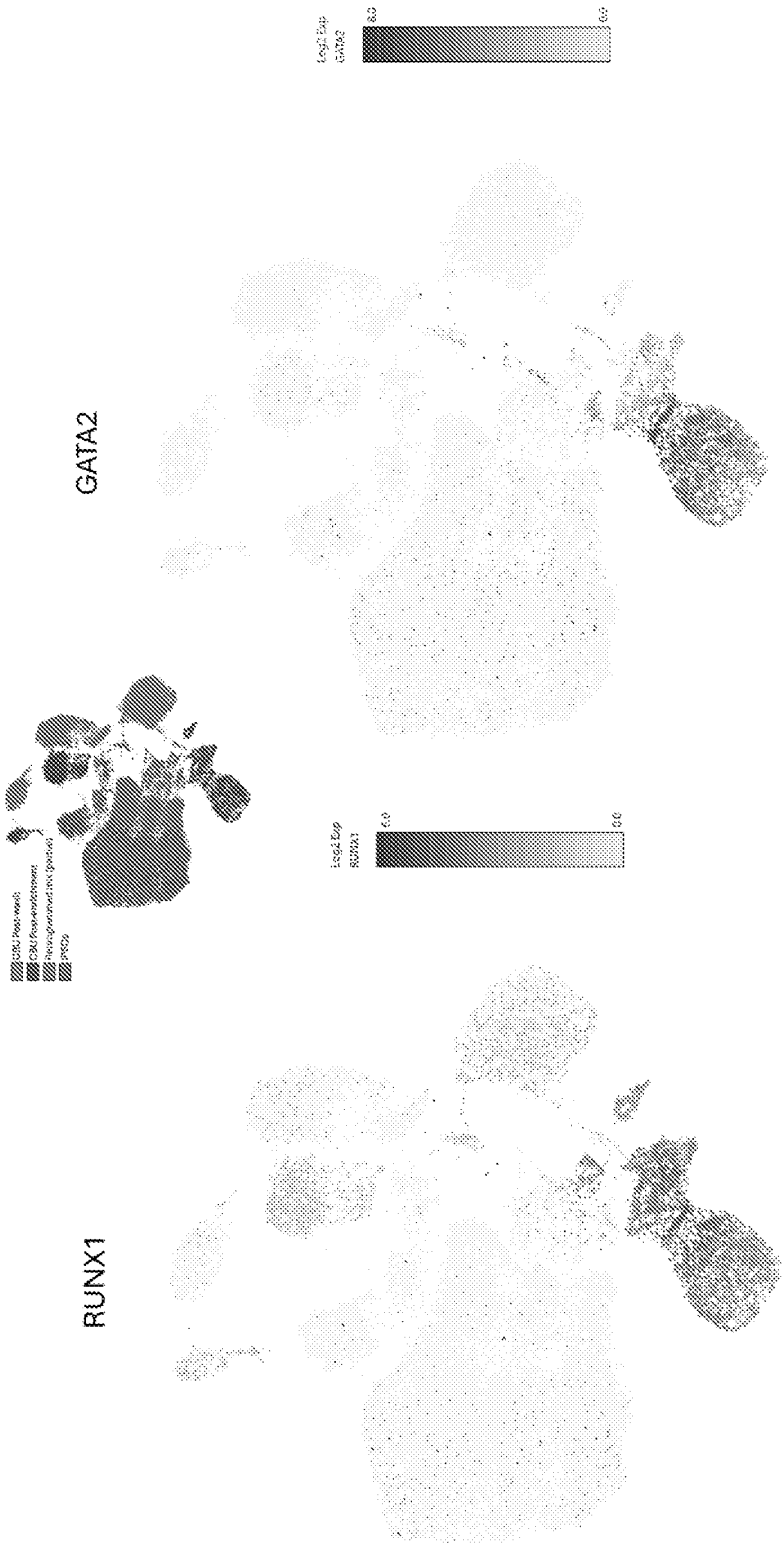


FIG. 14

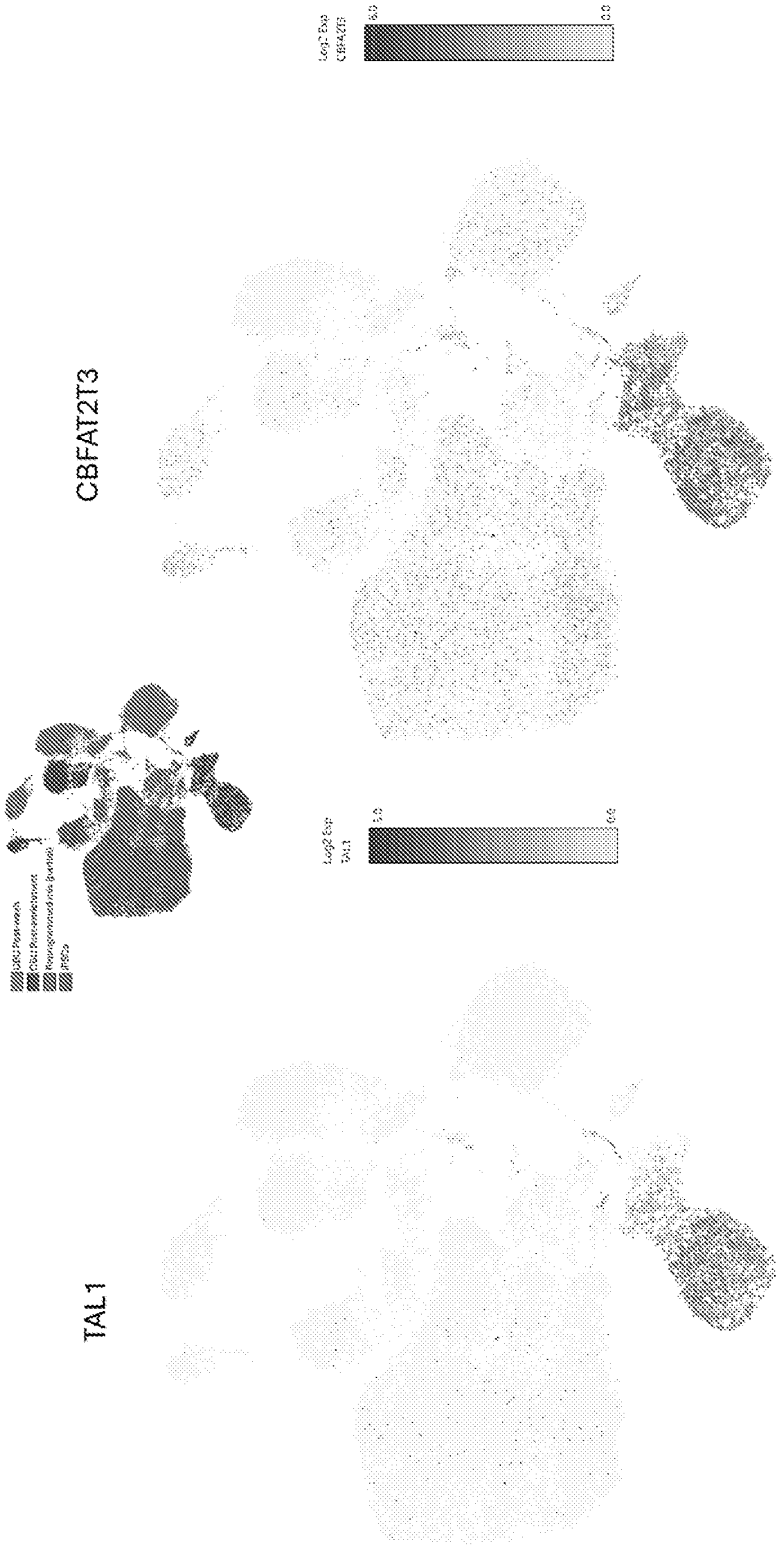


FIG. 15

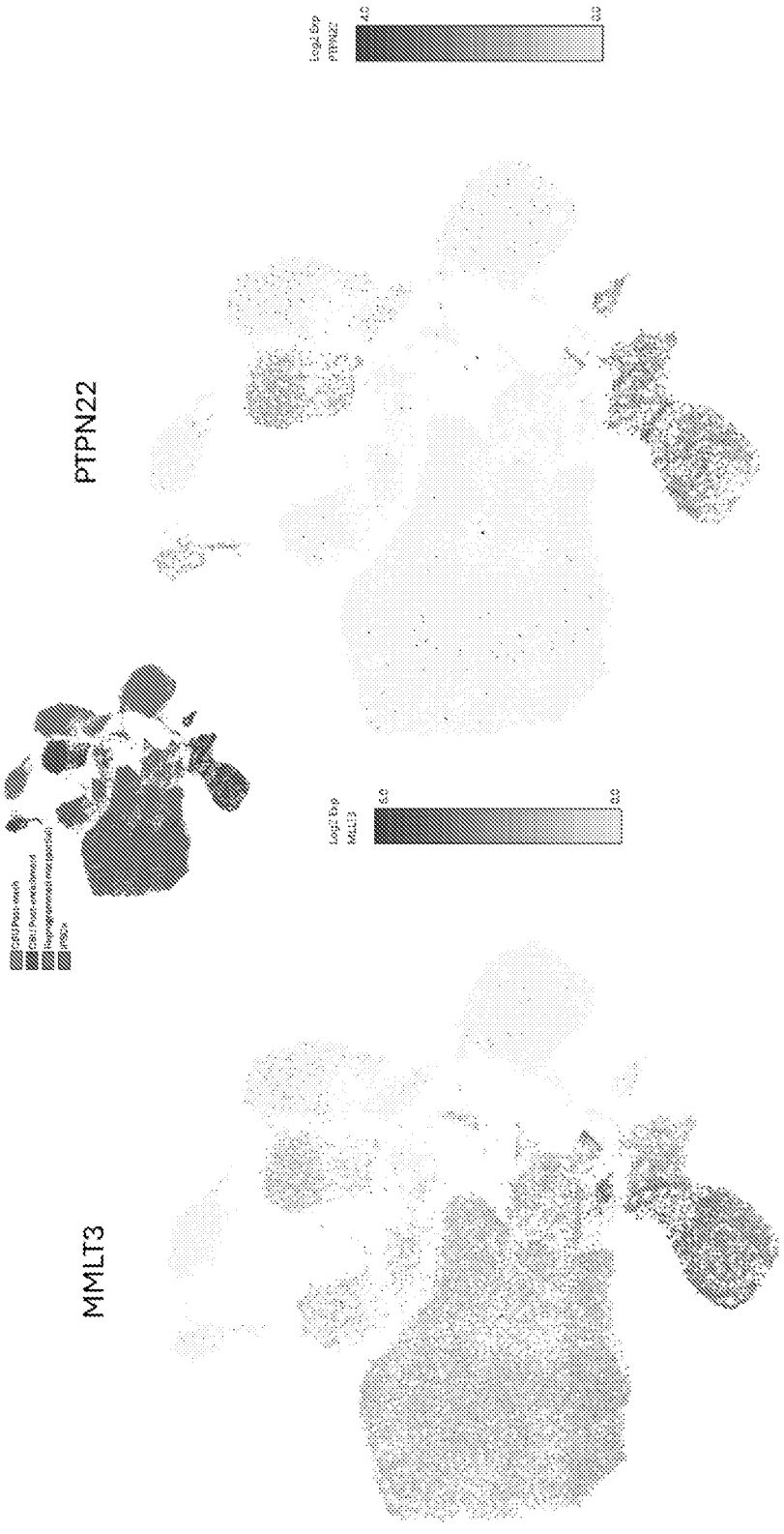


FIG. 16