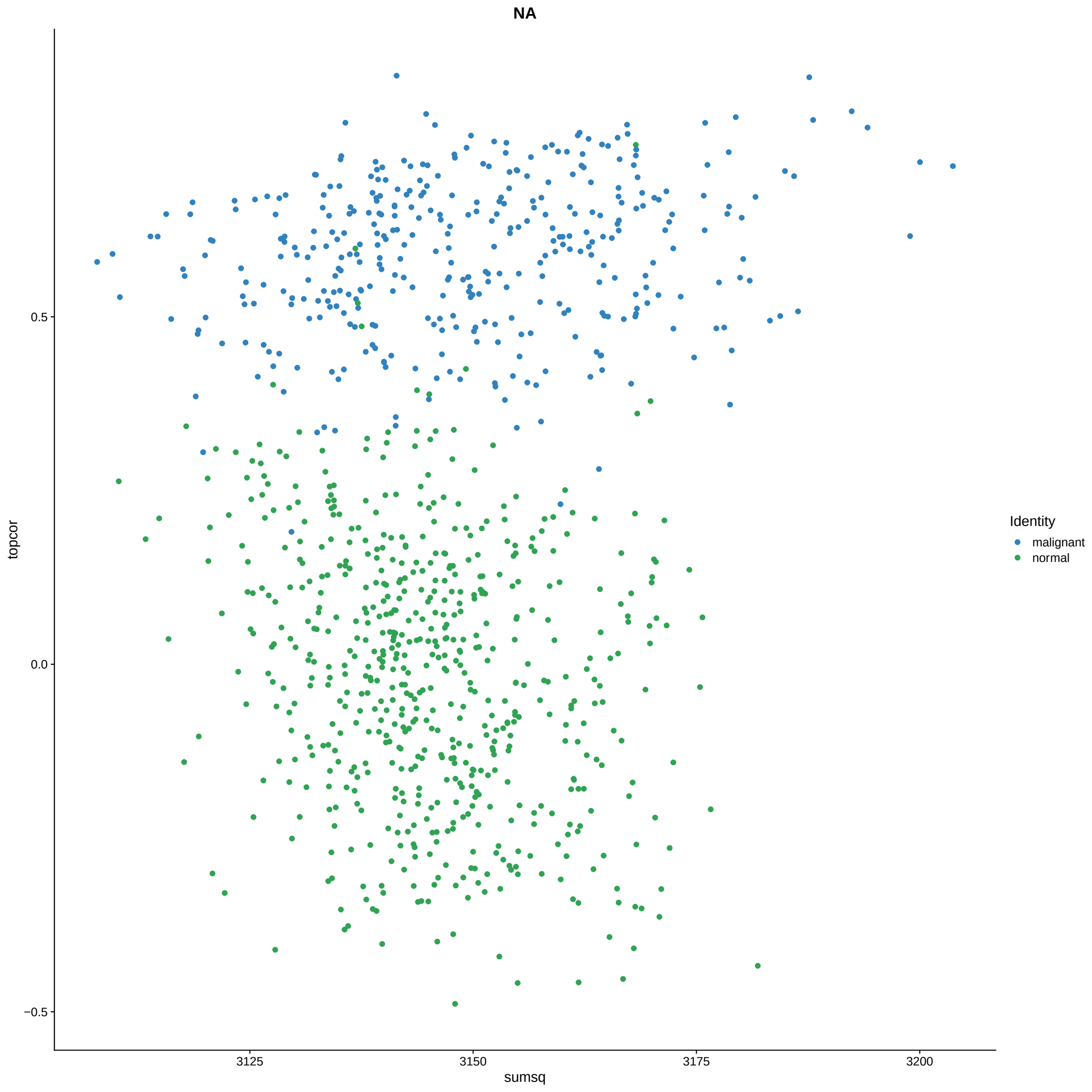
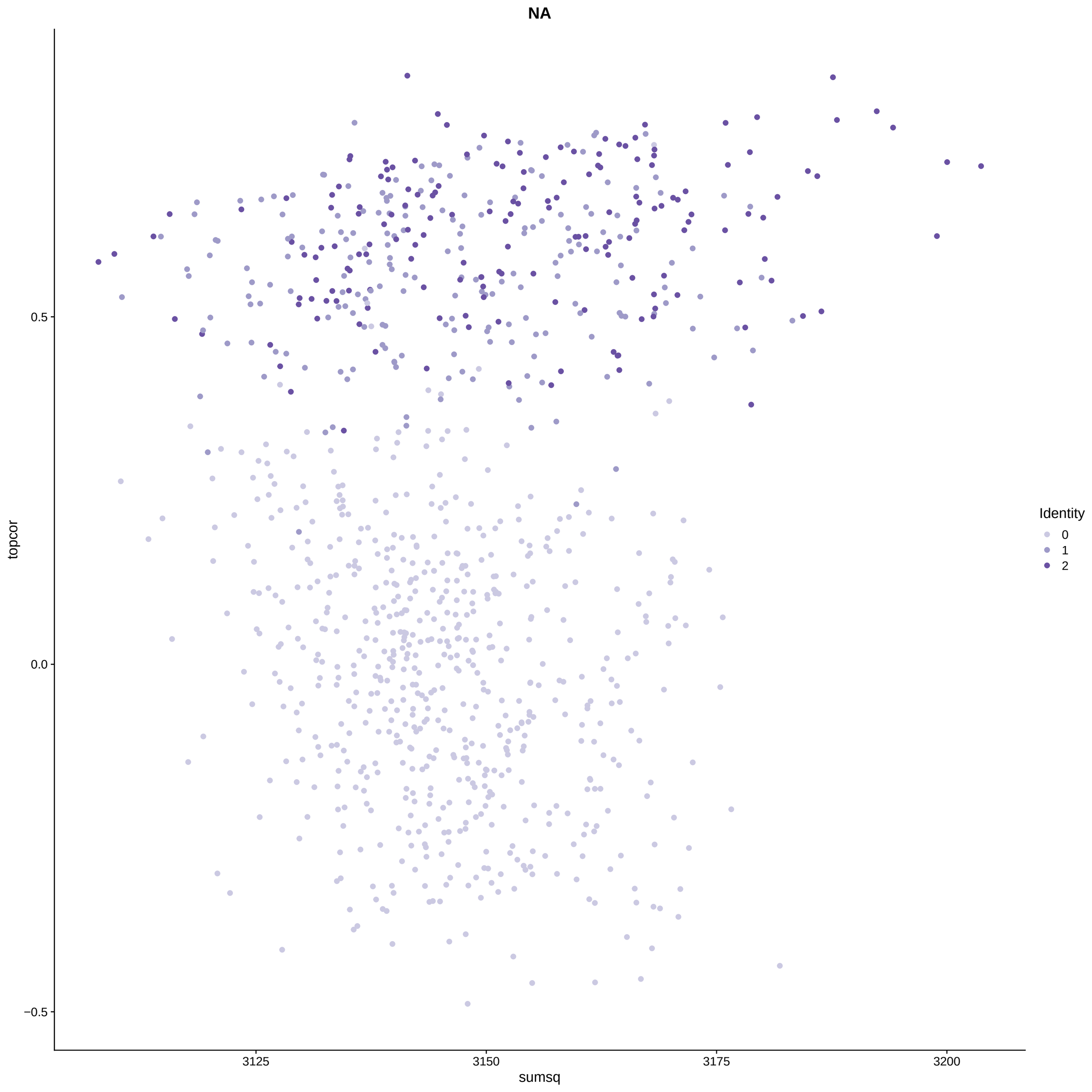

NA
topcor
0.5
0.0
−0.5
3125
3150
3175
3200
sumsq
Identity
malignant
normal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0.0
−0.5
topcor
3125
3150
3175
3200
sumsq
Identity
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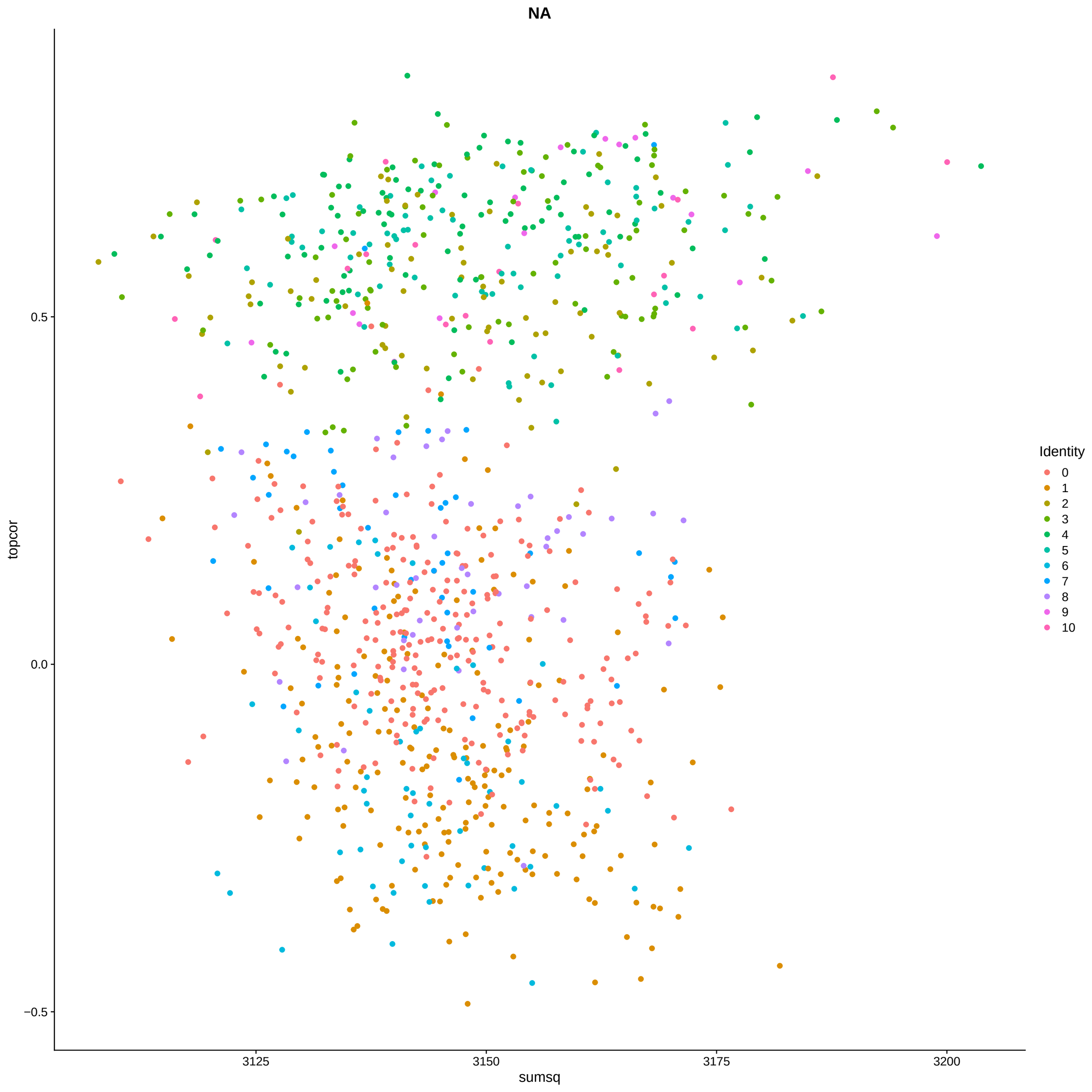
1
2


NA
topcor
0.5
0.0
−0.5
3125
3150
3175
3200
sumsq
Identity
0
1
2
3
4
5
6
7
8
9
10

type

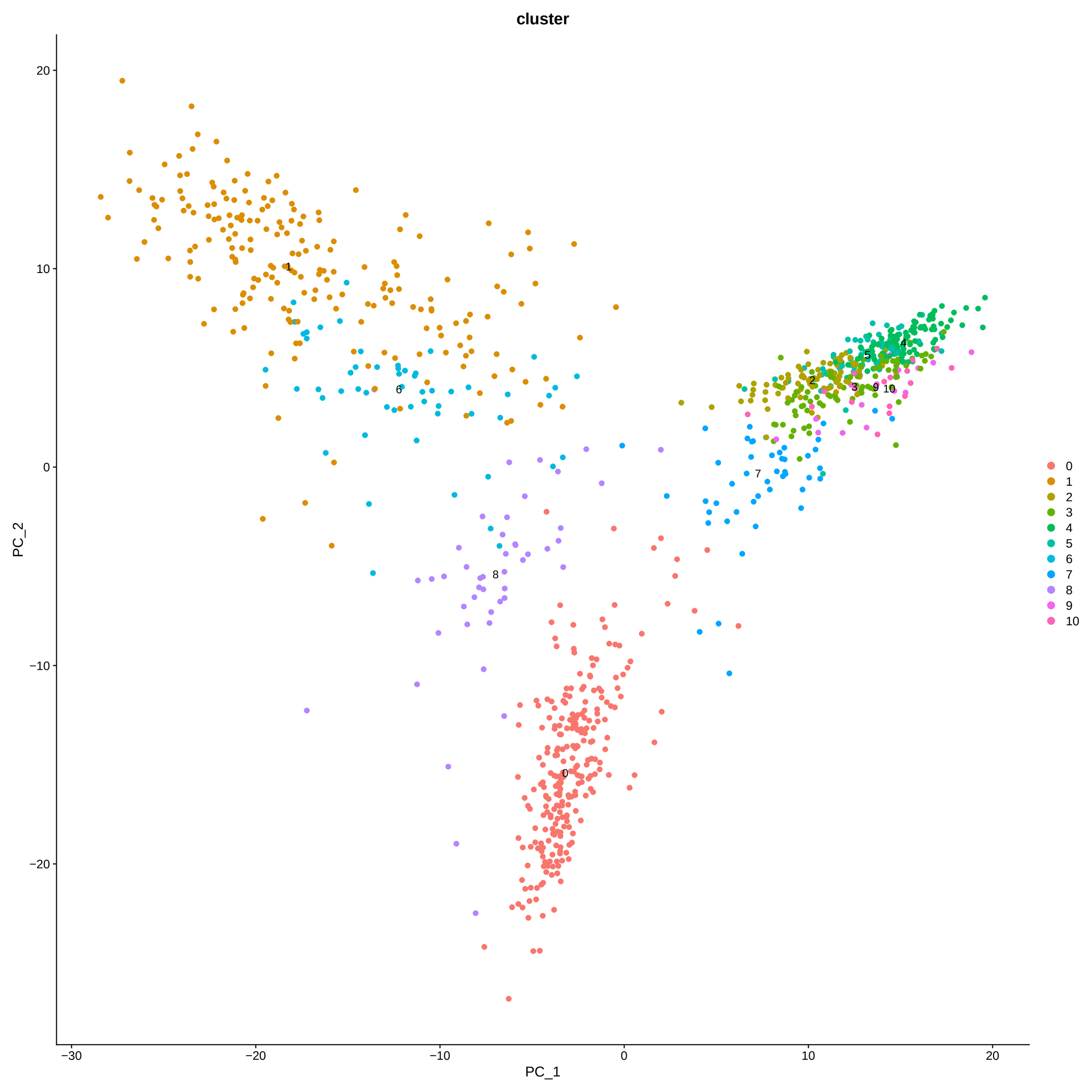
malignant
normal

PC_2

20
10
0
−10
−20

PC_1

−30
−20
−10
0
10
20


cluster
20
10
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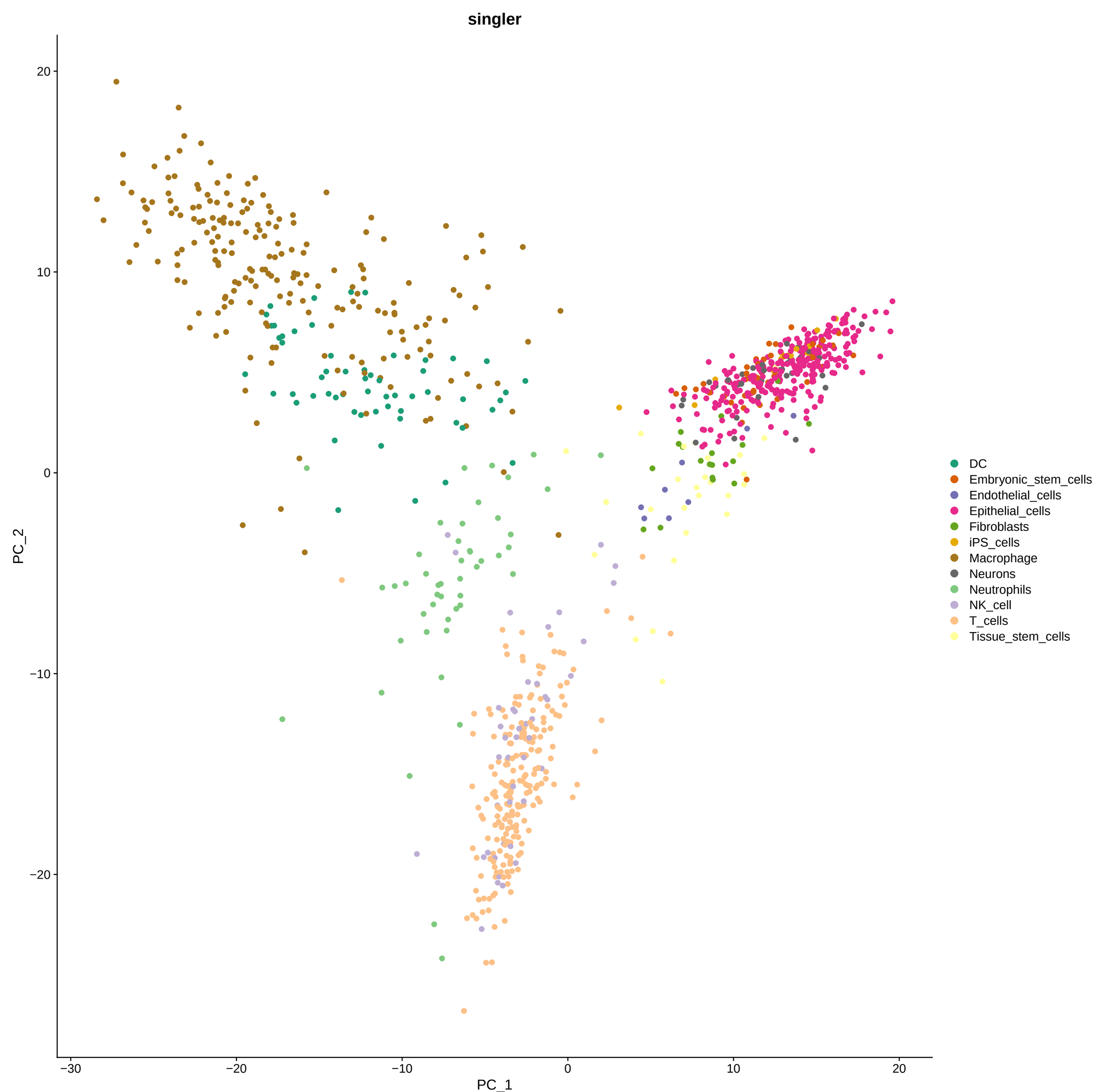
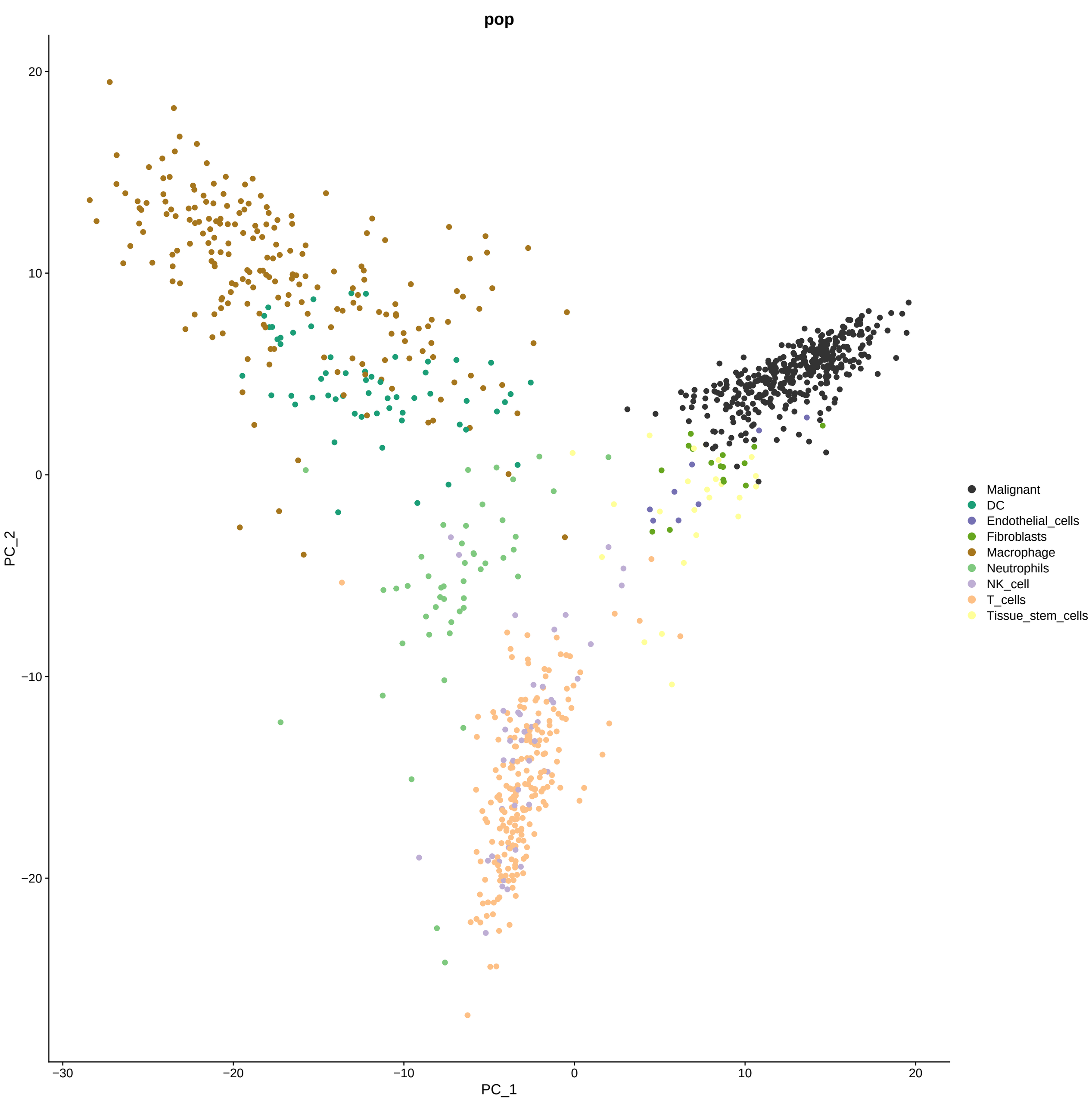
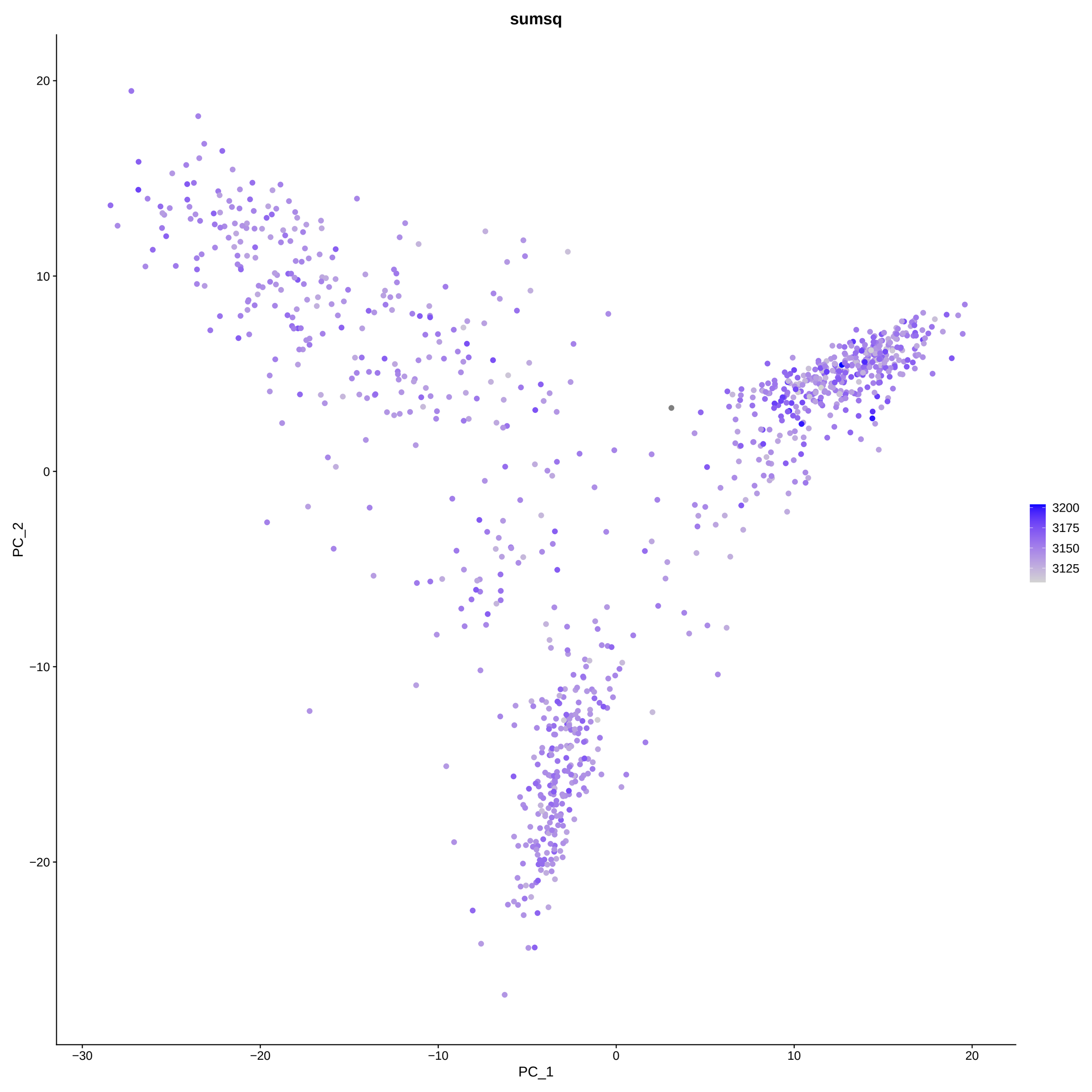
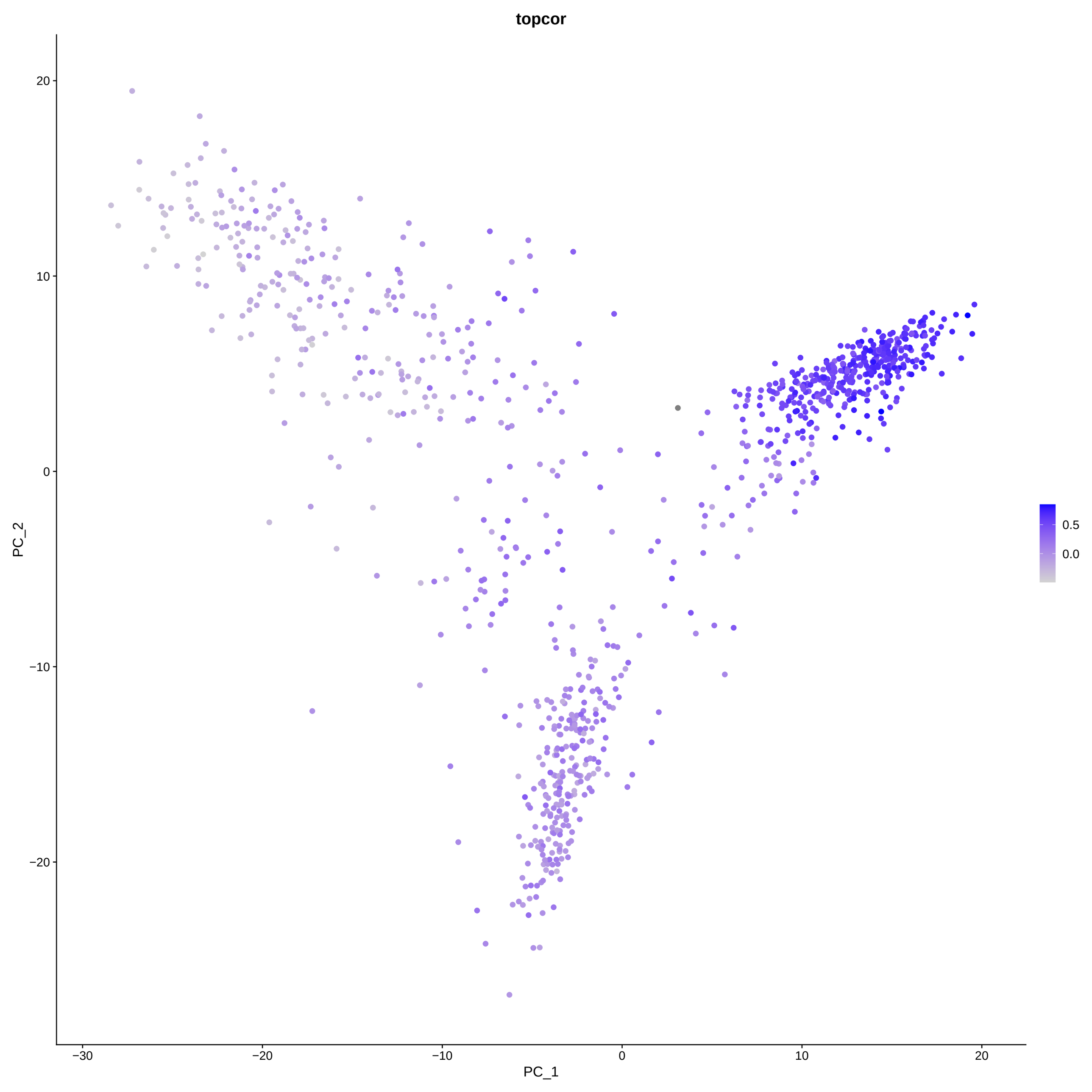
−10
−20
PC_2
−30
−20
−10
0
10
20
PC_1
1
6
8
0
7
2
3
4
5
9
10
0
1
2
3
4
5
6
7
8
9
10

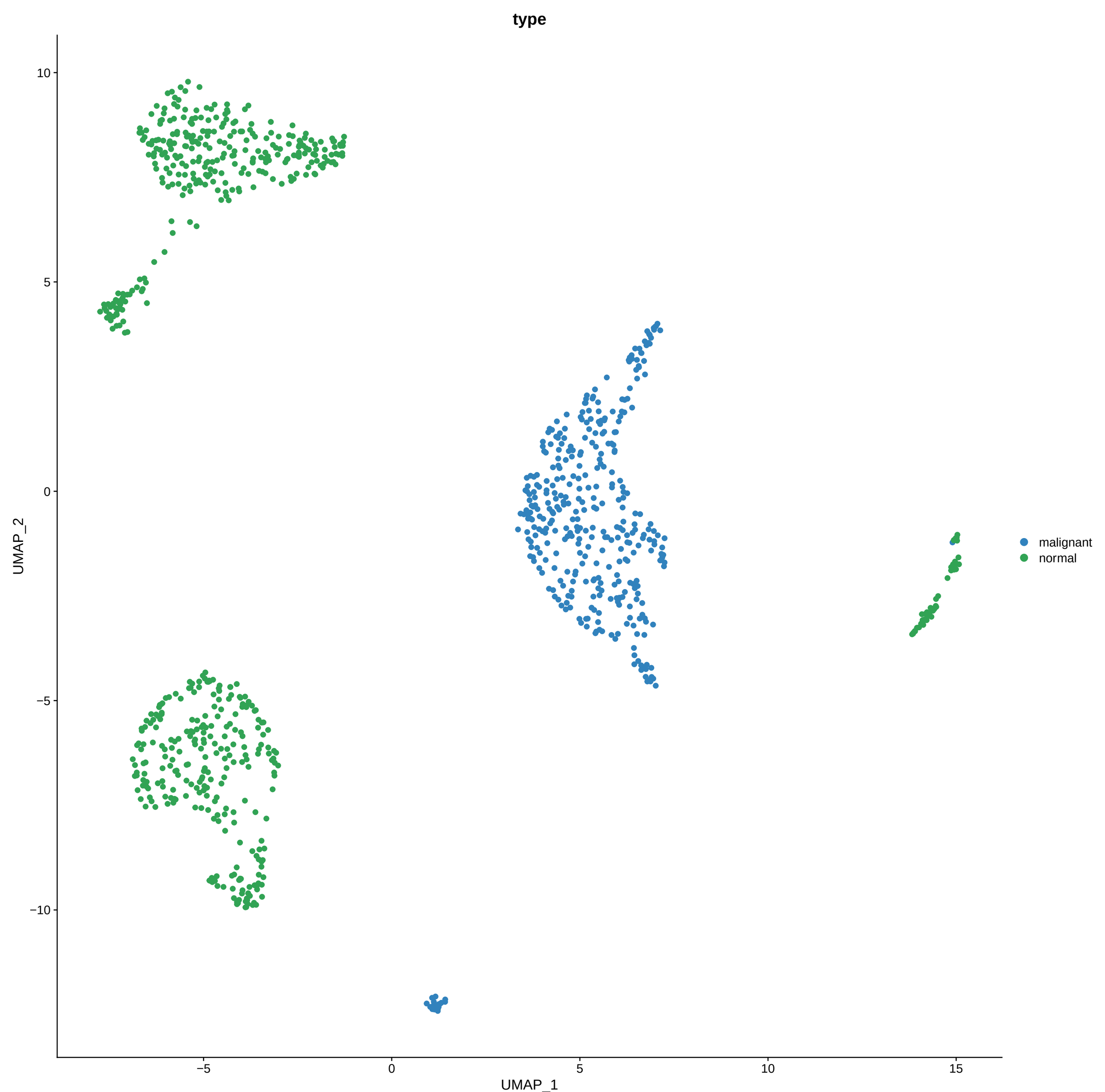

singler
PC_2
PC_1
20
10
0
−10
−20
−30
−20
−10
0
10
20
DC
Embryonic_stem_cells
Endothelial_cells
Epithelial_cells
Fibroblasts
iPS_cells
Macrophage
Neurons
Neutrophils
NK_cell
T_cells
Tissue_stem_cells

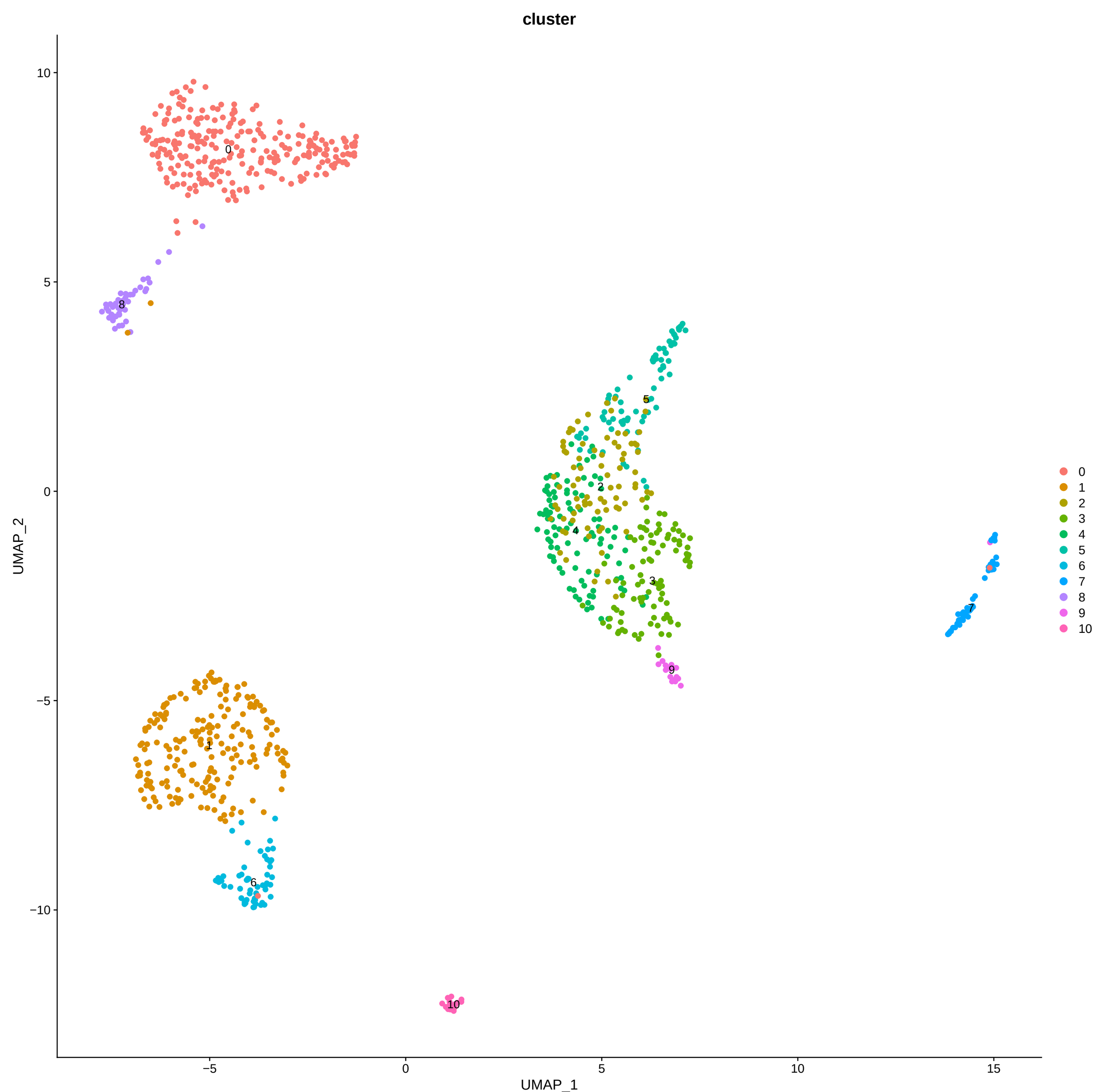

pop
20
10
0
−10
−20
PC_2
−30
−20
−10
0
10
20
PC_1
Malignant
DC
Endothelial_cells
Fibroblasts
Macrophage
Neutrophils
NK_cell
T_cells
Tissue_stem_cells

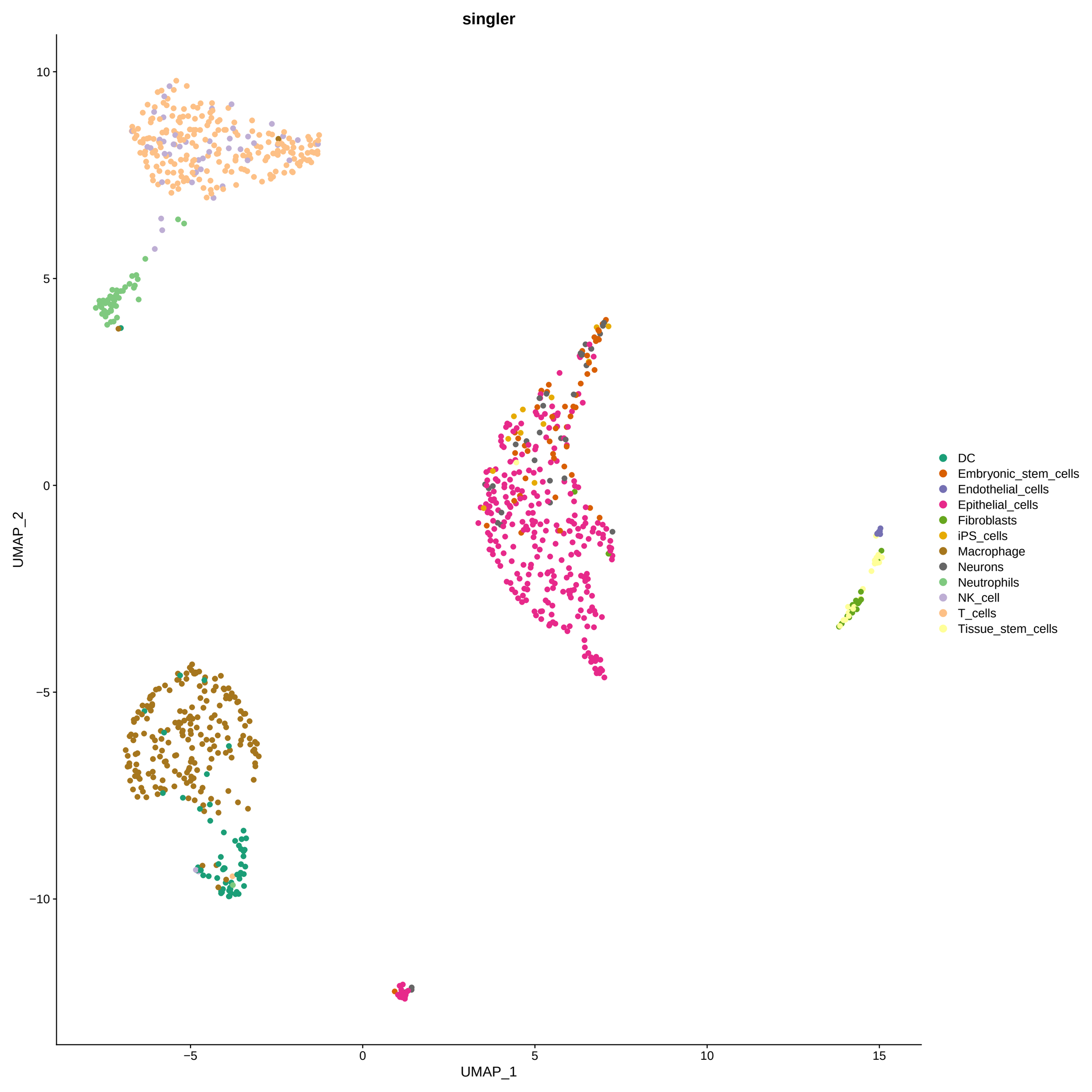
subclone
20
10
0
−10
−20
PC_2
−30
−20
−10
0
10
20
PC_1
0
1
2

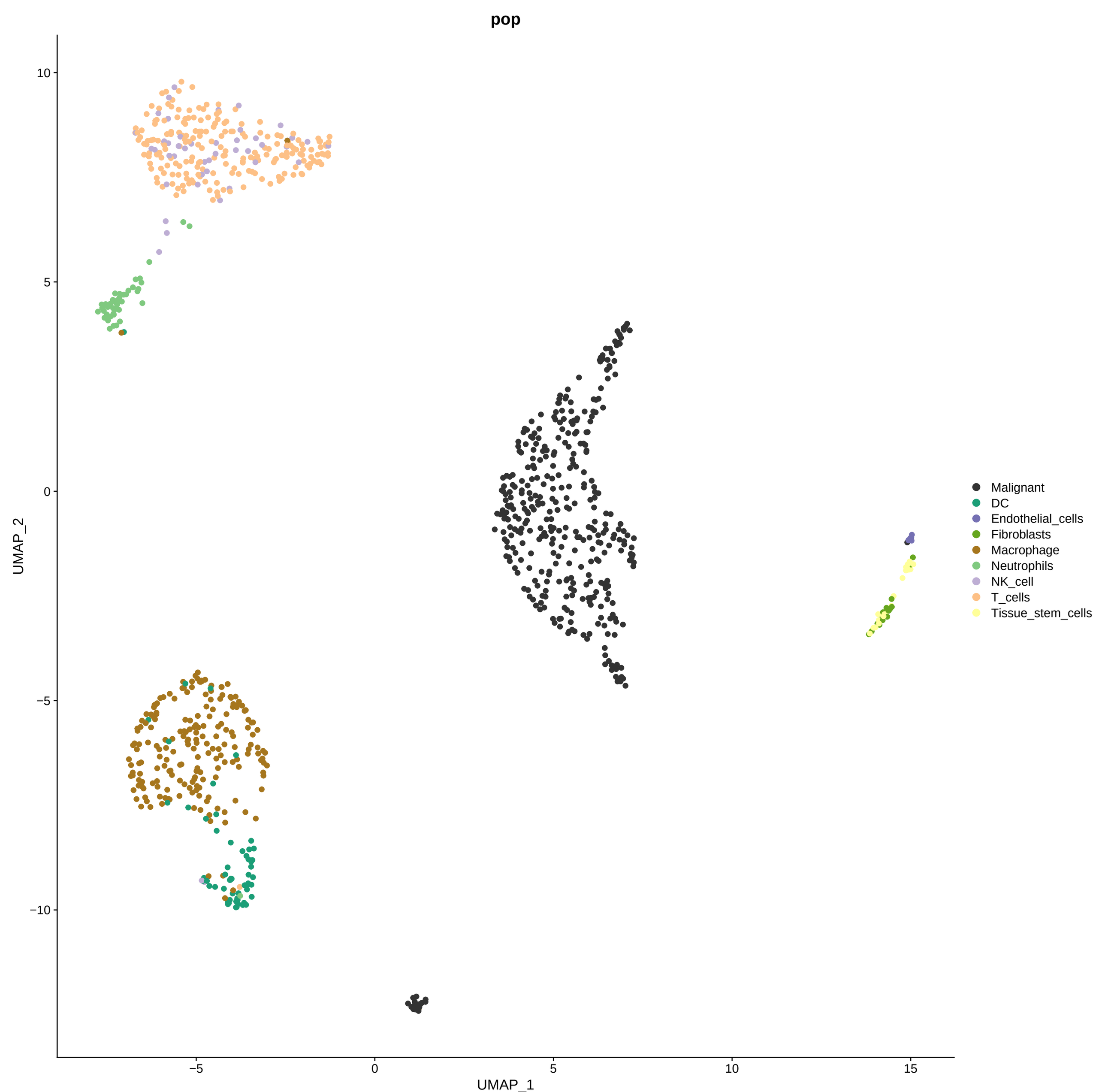

sumsq
20
10
0
−10
−20
PC_2
−30
−20
−10
0
10
20
PC_1
3200
3175
3150
3125

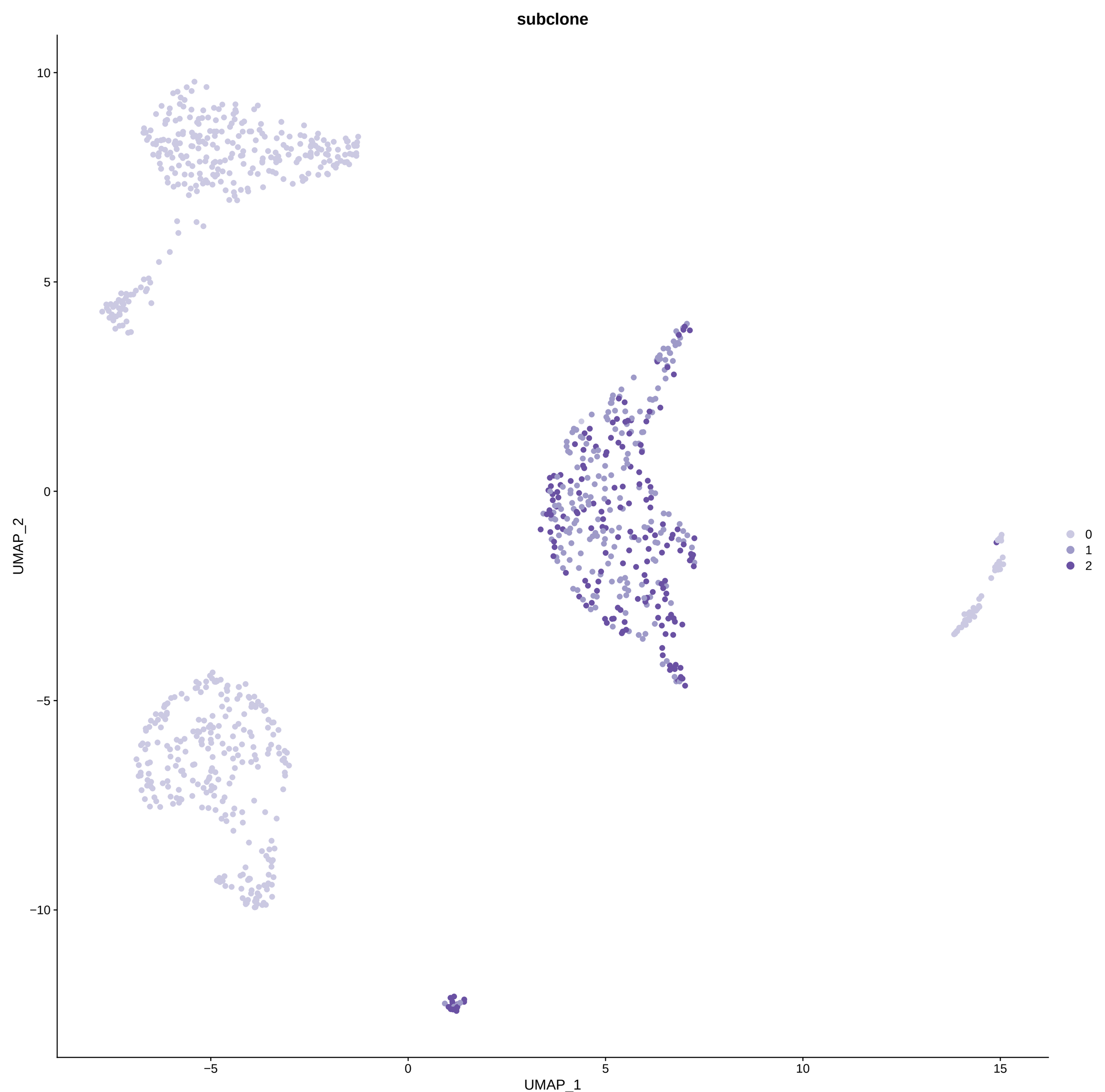

topcor
20
10
0
−10
−20
PC_2
−30
−20
−10
0
10
20
PC_1
0.5
0.0

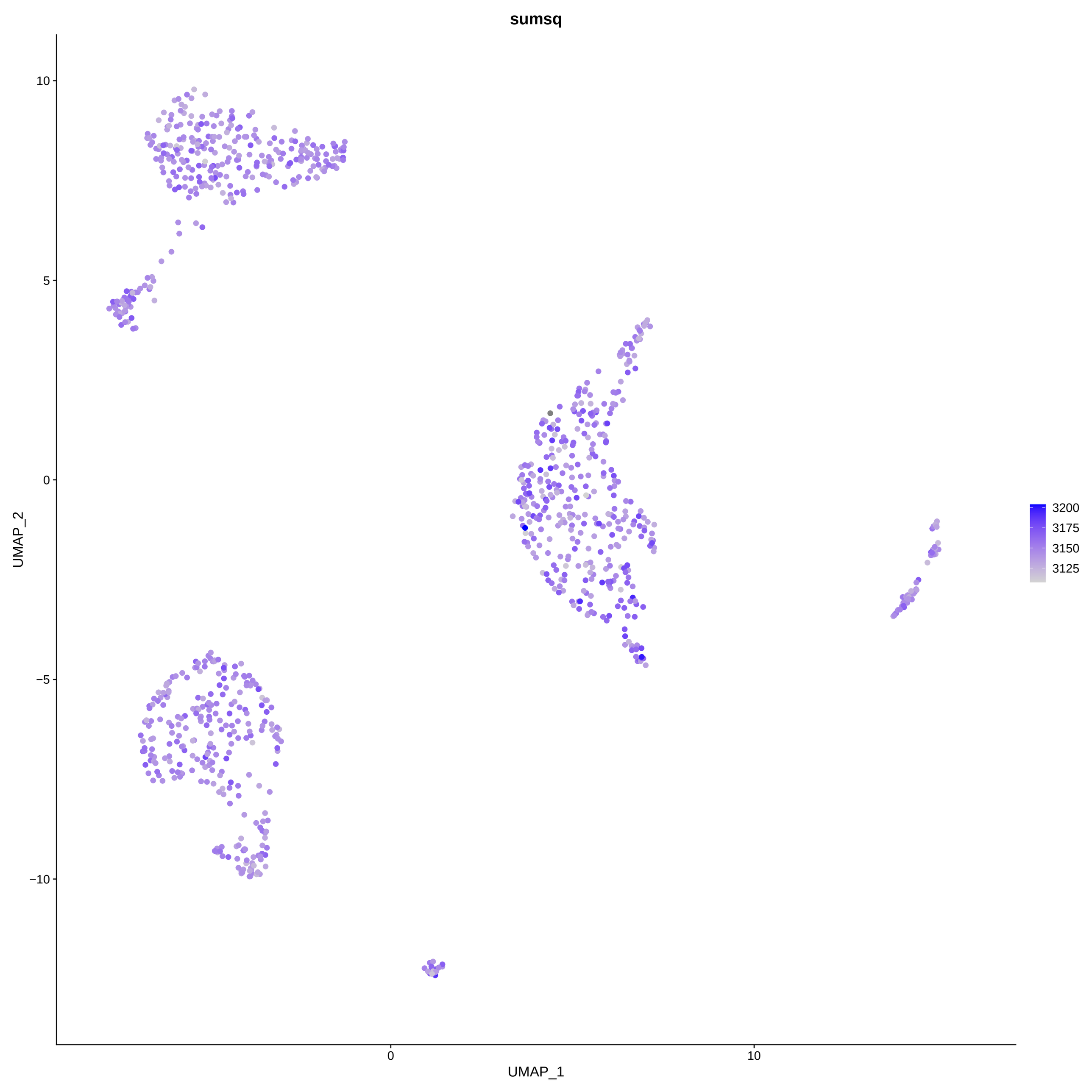

type
malignant
normal
UMAP_2
UMAP_1
10
5
0
−5
−10
−5
0
5
10
15

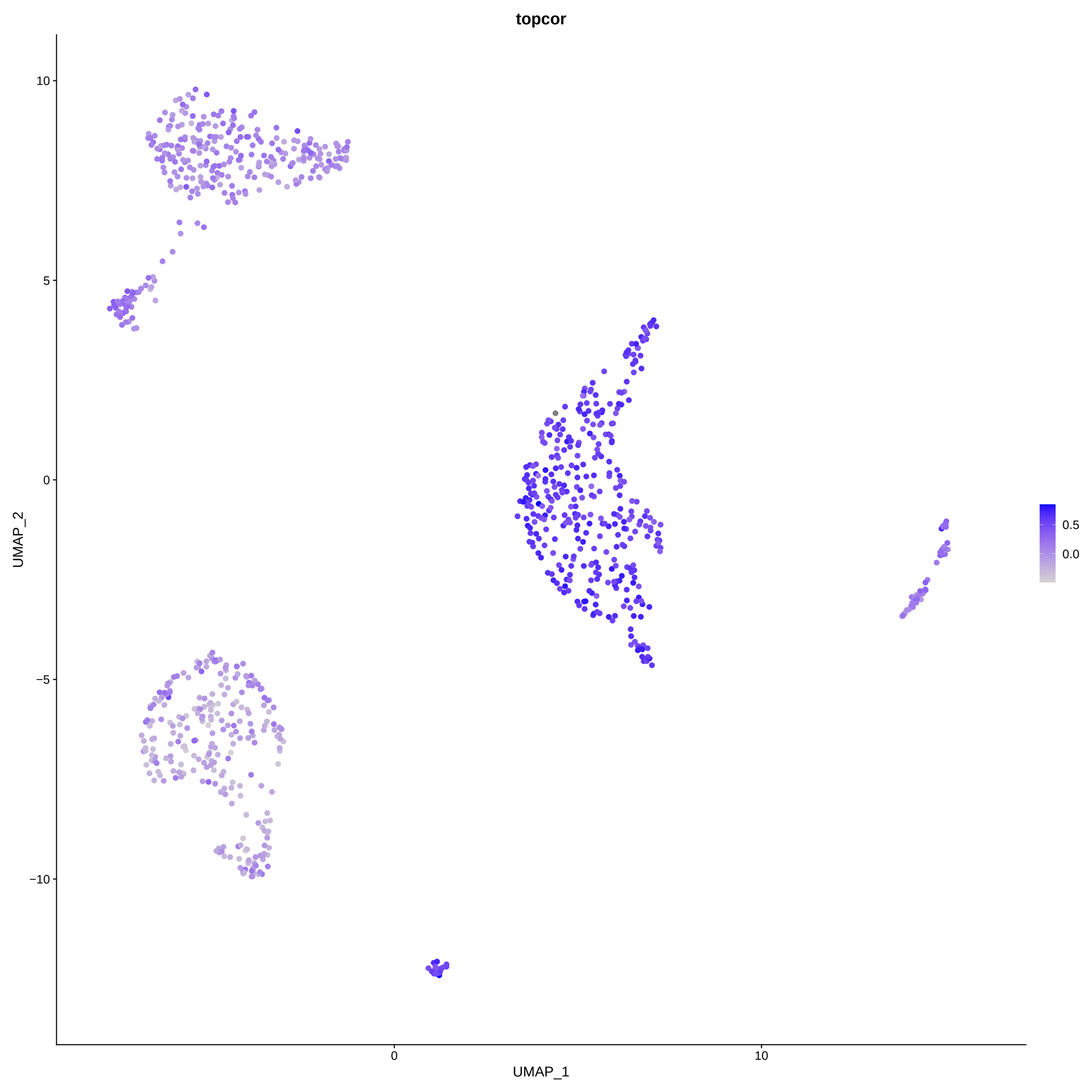

cluster
10
5
0
−5
−10
UMAP_2
−5
0
5
10
15
UMAP_1
0
1
2
3
4
5
6
7
8
9
10


singler
10
5
0
−5
−10
UMAP_2
−5
0
5
10
15
UMAP_1
DC
Embryonic_stem_cells
Endothelial_cells
Epithelial_cells
Fibroblasts
iPS_cells
Macrophage
Neurons
Neutrophils
NK_cell
T_cells
Tissue_stem_cells


pop
10
5
0
−5
−10
UMAP_2
−5
0
5
10
15
UMAP_1
Malignant
DC
Endothelial_cells
Fibroblasts
Macrophage
Neutrophils
NK_cell
T_cells
Tissue_stem_cells


subclone
10
5
0
−5
−10
UMAP_2
−5
0
5
10
15
UMAP_1
0
1
2


sumsq
10
5
0
−5
−10
UMAP_2
0
10
UMAP_1
3200
3175
3150
3125


topcor
10
5
0
−5
−10
UMAP_2
0
10
UMAP_1
0.5
0.0