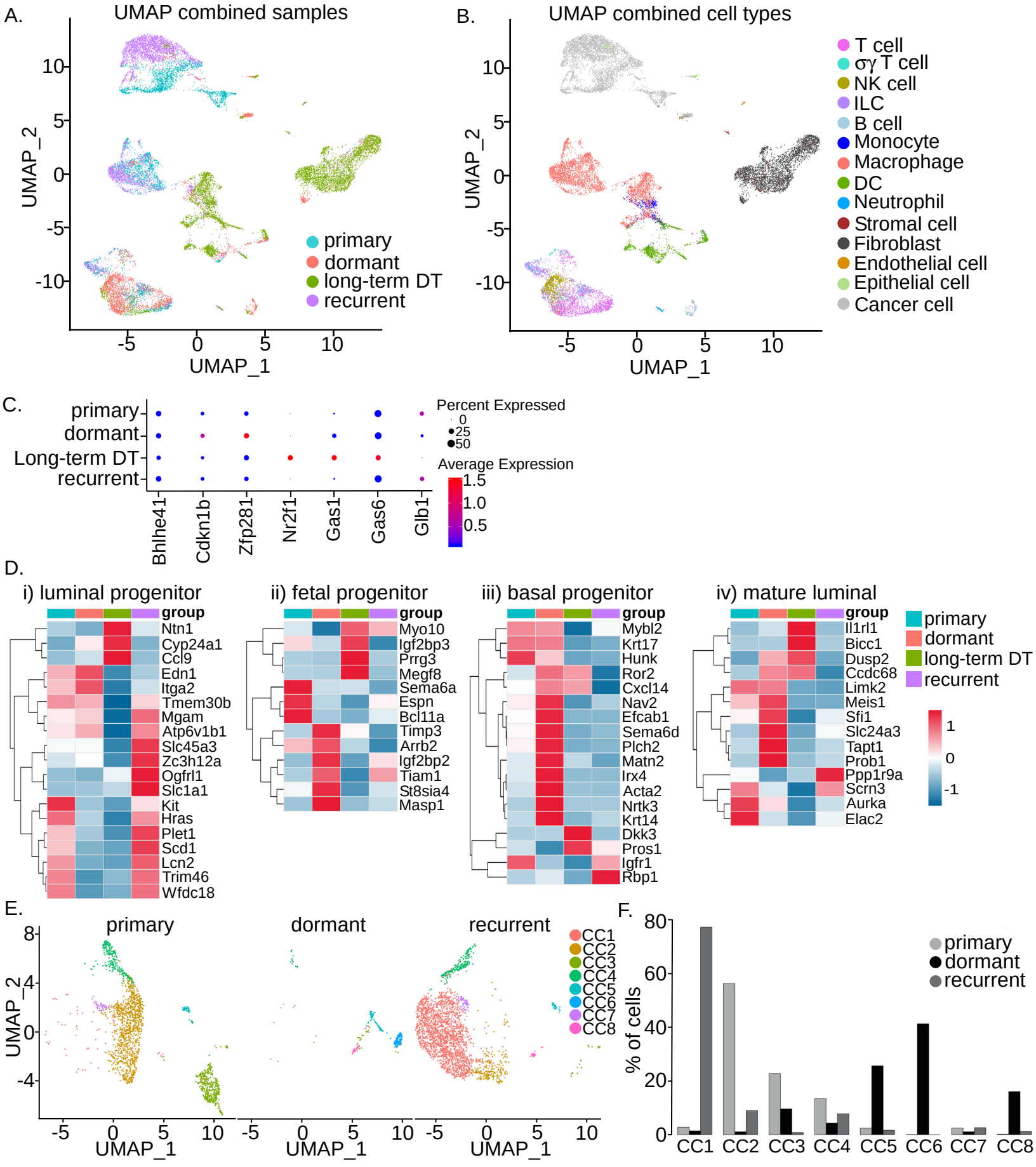
Figure S1


A.
UMAP combined samples
UMAP_2
UMAP_1
primary
dormant
long-term DT
recurrent
B.
UMAP combined cell types
T cell
σγ T cell
NK cell
ILC
B cell
Monocyte
Macrophage
DC
Neutrophil
Stromal cell
Fibroblast
Endothelial cell
Epithelial cell
Cancer cell
C.
primary
dormant
Long-term DT
recurrent
Bhlhe41
Cdkn1b
Zfp281
Nr2f1
Gas1
Gas6
Glb1
Percent Expressed
0
25
50
Average Expression
1.5
1.0
0.5
D.
i) luminal progenitor
group
Ntn1
Cyp24a1
Ccl9
Edn1
Itga2
Tmem30b
Mgam
Atp6v1b1
Slc45a3
Zc3h12a
Ogfrl1
Slc1a1
Kit
Hras
Plet1
Scd1
Lcn2
Trim46
Wfdc18
ii) fetal progenitor
group
Myo10
Igf2bp3
Prrg3
Megf8
Sema6a
Espn
Bcl11a
Timp3
Arrb2
Igf2bp2
Tiam1
St8sia4
Masp1
iii) basal progenitor
group
Mybl2
Krt17
Hunk
Ror2
Cxcl14
Nav2
Efcab1
Sema6d
Plch2
Matn2
Irx4
Acta2
Nrtk3
Krt14
Dkk3
Pros1
Igfr1
Rbp1
iv) mature luminal
group
Il1rl1
Bicc1
Dusp2
Ccdc68
Limk2
Meis1
Sfi1
Slc24a3
Tapt1
Prob1
Ppp1r9a
Scrn3
Aurka
Elac2
primary
dormant
long-term DT
recurrent
1
0
-1
E.
primary
dormant
recurrent
UMAP_2
UMAP_1
CC1
CC2
CC3
CC4
CC5
CC6
CC7
CC8
F.
% of cells
primary
dormant
recurrent
CC1
CC2
CC3
CC4
CC5
CC6
CC7
CC8