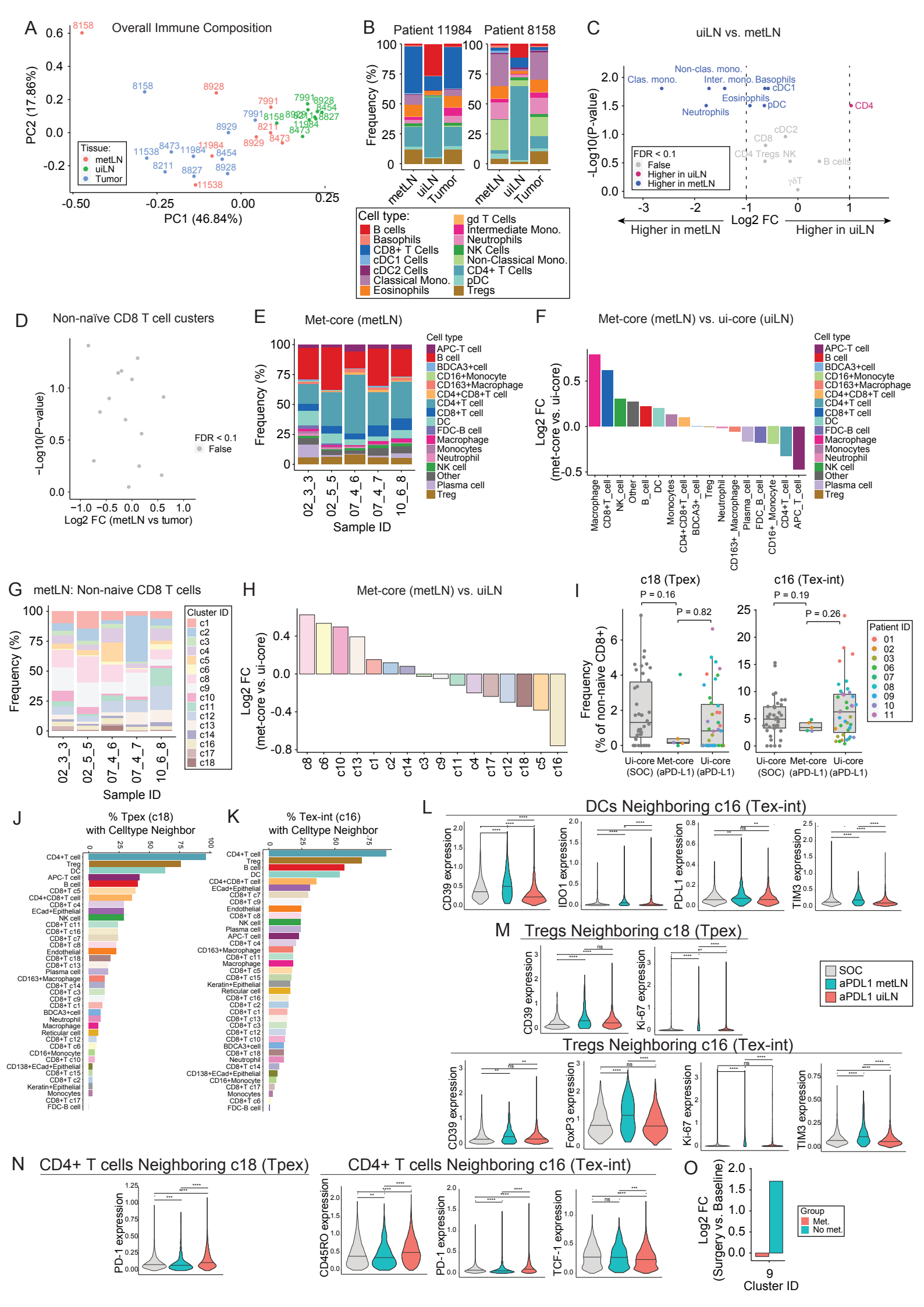
A
Overall Immune Composition
PC2 (17.86%)
PC1 (46.84%)
Tissue:
metLN
uiLN
Tumor
B
Patient 11984
Patient 8158
Frequency (%)
metLN
uiLN
Tumor
Cell type:
B cells
Basophils
CD8+ T Cells
cDC1 Cells
cDC2 Cells
Classical Mono.
Eosinophils
gd T Cells
Intermediate Mono.
Neutrophils
NK Cells
Non-Classical Mono.
CD4+ T Cells
pDC
Tregs
C
uiLN vs. metLN
-Log10(P-value)
Non-clas. mono.
Clas. mono.
Inter. mono.
Basophils
cDC1
Eosinophils
pDC
Neutrophils
CD4
cDC2
CD8
CD4 Tregs
NK
B cells
γδT
FDR < 0.1
False
Higher in uiLN
Higher in metLN
Log2 FC
Higher in metLN
Higher in uiLN
D
Non-naïve CD8 T cell custers
-Log10(P-value)
FDR < 0.1
False
Log2 FC (metLN vs tumor)
E
Met-core (metLN)
Frequency (%)
Sample ID
Cell type
APC-T cell
B cell
BDCA3+cell
CD16+Monocyte
CD163+Macrophage
CD4+CD8+T cell
CD4+T cell
CD8+T cell
DC
FDC-B cell
Macrophage
Monocytes
Neutrophil
NK cell
Other
Plasma cell
Treg
F
Met-core (metLN) vs. ui-core (uiLN)
Log2 FC (met-core vs. ui-core)
Macrophage
CD8+T_cell
NK_cell
Other
B_cell
DC
Monocytes
CD4+CD8+T_cell
BDCA3+_cell
Treg
Neutrophil
CD163+_Macrophage
Plasma_cell
FDC_B_cell
CD16+_Monocyte
CD4+T_cell
APC_T_cell
G
metLN: Non-naive CD8 T cells
Frequency (%)
Sample ID
Cluster ID
c1
c2
c3
c4
c5
c6
c8
c9
c10
c11
c12
c13
c14
c16
c17
c18
H
Met-core (metLN) vs. uiLN
Log2 FC (met-core vs. ui-core)
I
c18 (Tpex)
c16 (Tex-int)
P = 0.16
P = 0.82
P = 0.19
P = 0.26
Frequency (% of non-naive CD8+)
Ui-core (SOC)
Met-core (aPD-L1)
Ui-core (aPD-L1)
Patient ID
01
02
03
06
07
08
09
10
11
J
% Tpex (c18) with Celltype Neighbor
K
% Tex-int (c16) with Celltype Neighbor
L
DCs Neighboring c16 (Tex-int)
CD39 expression
IDO1 expression
PD-L1 expression
TIM3 expression
M
Tregs Neighboring c18 (Tpex)
CD39 expression
Ki-67 expression
SOC
aPDL1 metLN
aPDL1 uiLN
Tregs Neighboring c16 (Tex-int)
CD39 expression
FoxP3 expression
Ki-67 expression
TIM3 expression
N
CD4+ T cells Neighboring c18 (Tpex)
PD-1 expression
CD4+ T cells Neighboring c16 (Tex-int)
CD45RO expression
PD-1 expression
TCF-1 expression
O
Log2 FC (Surgery vs. Baseline)
Group
Met.
No met.
Cluster ID