Figure S2

A

Cytokeratin / Vimentin
2 = Cytokeratin⁺

3 + 4 →

CD105 / CD45
Color Map: CD31
2 = Vessels

1 + 4 →

Podoplanin / CD45
2 = Lymphatic vessel

↓ 1 + 4

CD11c / CD123
2 + 3 = mDCs
4 = pDCs

← 2 + 3

CD45 / Vimentin
1 + 4 = NFC CD45⁻

← 1 + 4

CD90 / FSP-1
Color Map: PDGFR-β
3 = Fibroblasts

↓ 1

CD163 / CD169
Color Map: HLA-DR
2 + 3 + 4 = MΦ

1 →

CD15 / CD117
Color Map: CD66b
2 = Granulocytes
4 = Mast cells

1 →

CD56 / CD3
Color Map: CD57
2 = NK cells
4 = T cells

↓ 1

CD138 / CD19
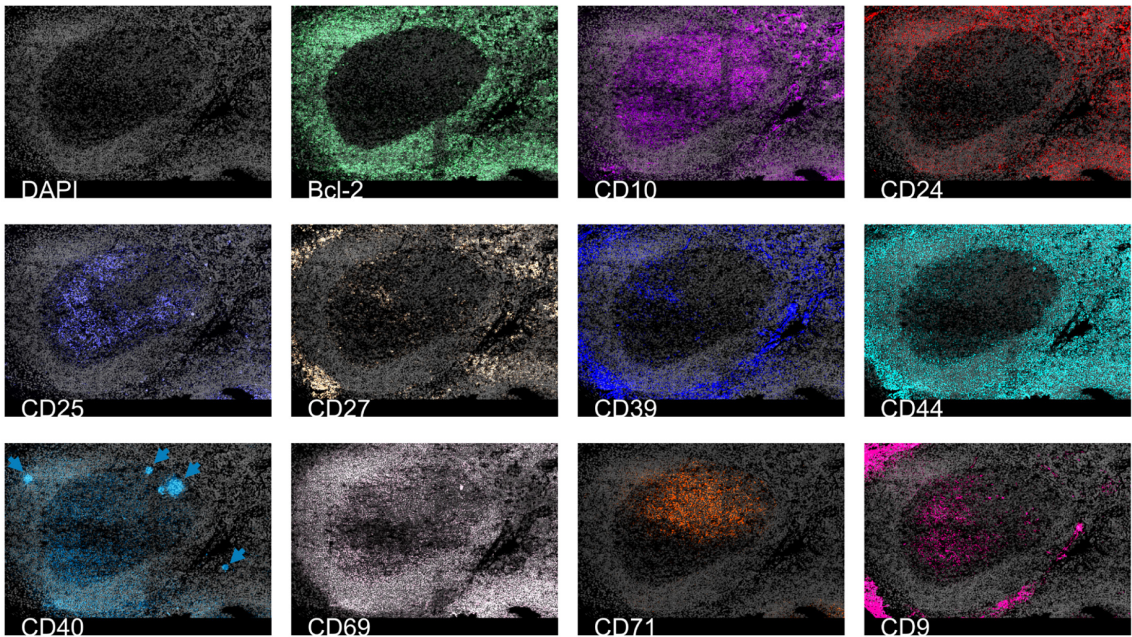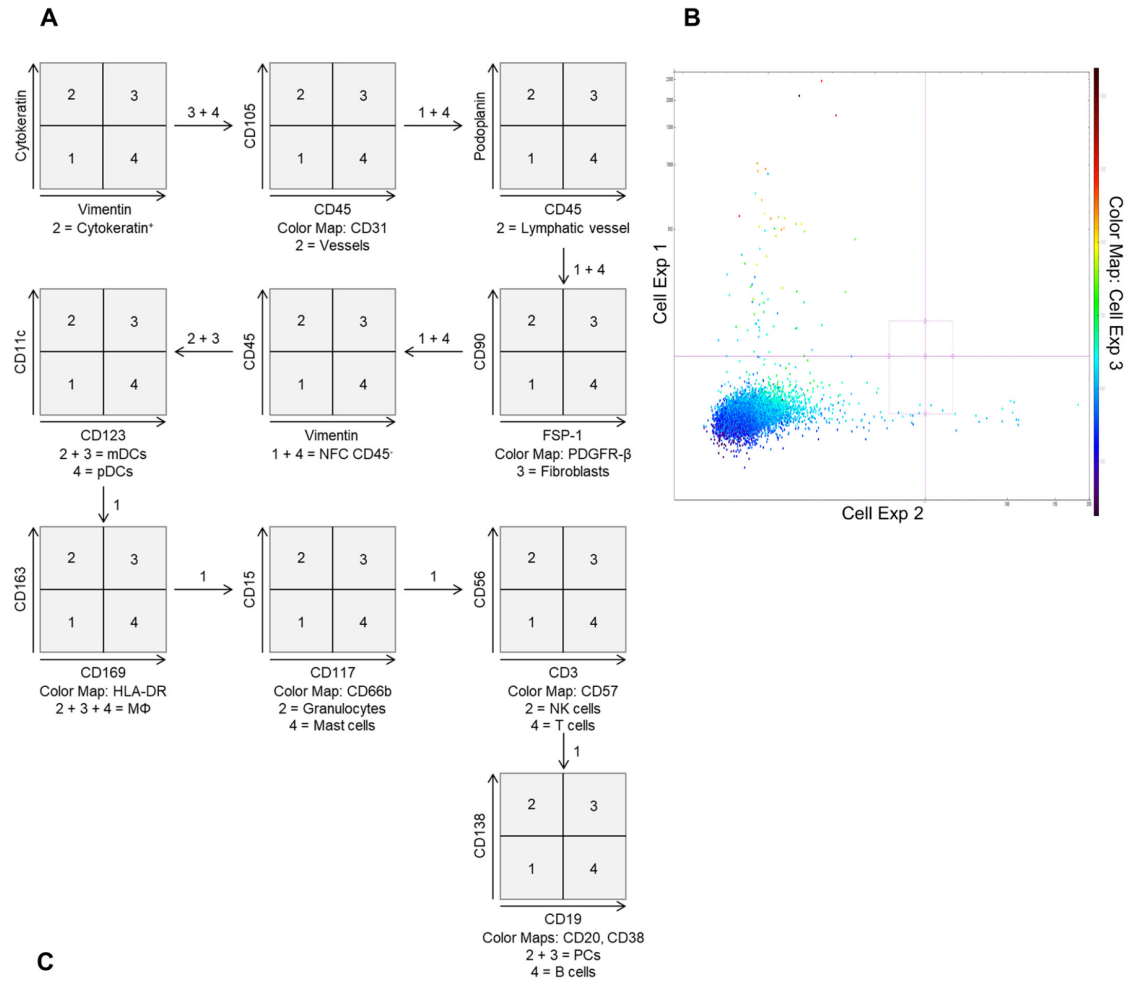Color Maps: CD20, CD38
2 + 3 = PCs
4 = B cells

B

C

Supplementary Figure 2:

Cell type annotation and sub-phenotyping of human tonsil tissue. A Expert-based gating analysis for immune cells identification which can be applied to segmented cells within MACSiQ View or externally (with exported FCS files). **B** Showing the Color Map function in MACSiQ View which allows for multiparametric gating with more than two markers. **C** Marker expressions used for tonsil sub-phenotyping: mantle zone: CD27$^+$, CD39$^+$; GC: CD9$^+$, CD10$^+$, CD171+; non-GC: Bcl-2$^+$, CD44$^+$, B cell activation states (CD25$^+$, CD44$^+$, CD69$^+$) and B cell memory phenotype (CD40$^+$).

ROI sizes: 976 x 640 μm