Figure e-1. Gating strategy showing representative images for flow cytometry analysis.

Total events were first gated to exclude debris and apoptotic cells (A, gate P1) and then gated for doublet

discrimination (B, gate P2). Cells were further analyzed to identify leukocytes (C, gate CD45 cells),

including monocytes (C, gate Mon) and lymphocytes (C, gate Lym) for their CD45 staining. Expression of

CD3 and CD56 identified NKT (D, gate NKT), CD56dim NK (D, gate NK) and CD56bright NK (D, gate

NK BRIGHT) cells. Expression of CD3 and CD8 identified total CD4+ (E, gate T CD4) and CD8+ (E, gate

T CD8) T cells. According to their CCR7 and CD45RO expression we identified naïve (N), central memory

(CM), effector memory (EM) and terminally differentiated (TD) subsets of CD4+ and CD8+ T cells (G and

H, respectively). Additionally, we identified CD4+ regulatory T cells (J, gate CD4 Treg) using their CD25

and CD127 expression. We gated B cells for their CD19 expression (F, gate CD19). CD27 and CD38

expression identified memory B cells (I, gate mem B), plasmablasts (I, gate PB), naïve B cells (I, gate N)

and CD27- CD38bright cells (I, gate R). Finally, transitional B cells (K, gate Transitional B) were identified

for the expression of CD24 in the CD27- CD38bright subset.