



Supplemental Fig. 1. Gating strategy. Representative flow cytometry to illustrate the gating strategy for evaluation of patient-derived PBMCs. A) Forward scatter (FS) and side scatter (SS) profile of PBMC, showing lymphocyte gate (verified by backgating on CD8 cells). B) CD8/CD45RO profile in lymphocyte gate of pre-selection cells. C) CD8/CD45RO profile of post-selection cells. D) CD8/pooled tetramer profile of post-selection cells from vaccinated patient; in vaccinated patients, tetramer⁺ cells were observed at 0.02 - 1.84% of the CD45RO⁺CD8⁺ subset. E) CD8/pooled tetramer profile of post-selection cells from a normal donor. In normal donor samples, tetramer⁺ cells were observed at <0.01% of the CD45RO⁺CD8⁺ subset.