



Figure S7: PD-1⁺ CD8⁺ T cells co-express multiple inhibitory and differentiation receptors and retain functionality. **A)** tSNE analysis of PD-1, CD244 (2B4), BTLA, CD127, CXCR5, and CD45RA co-expression within the CD8⁺ population, where red indicates higher expression. **B)** Cell clustering analysis of the data from A), comparing PBS and high dose EBV conditions in huNSG animals and the frequencies of inhibitory and differentiation receptor containing populations in a tSNE plot (top), and graphically (bottom). **C)** tSNE analysis of the CD8⁺ T cell population examining the coexpression of PD-1 and CD45RA together with CD107a, Granzyme B, and IFN γ .