



Supplementary Figure 1 : Representative gating strategy for CD8⁺ T cell analysis of effector, memory, and TCR markers. For p-Mtor experiments gating strategy did not include CD3 gate. (a) FSC-A vs SSC-A profile for gating of lymphocytes (b) Single cell gating based on FSC-A vs FSC-H (c) Single cell gating based on SSC-A vs SSC-H (d) Gating of live cells based on low staining for Zombie NIR viability dye (e) gating of CD3⁺ cells (f) gating of CD8⁺ T cells. All markers were gated directly downstream of CD8 gate. Example above is from cells treated in vitro with IL-2, anti-CD3 and anti-CD28, and butyrate for 3 days.