



Supplementary figure 6: MCT-1 inhibition on CD19-CD28 CAR T cells. MCT-1 inhibitors were added to non-transduced or α CD19-CAR T cells with a CD28 co-stimulatory domain. **(A)** Schematic of RQR8 and α CD19-FMC63-CD28 CAR construct. **(B)** Percentage of live Raji cells cultured with CAR T cells at different effector: target ratios (E:T) ratios. **(C)** Relative MFI of 2-NBDG uptake. Expression of **(D)** 4-1BB and **(E)** CD69 re-stimulated CAR T cells with Raji cells or Raji-CD19^{KO} (Resting CAR Ts) for 24 hours. **(F)** IFN- γ and **(G)** IL-2 production measured by ELISA after 48 hours. Pooled data of two to three independent experiments, n=5-9 healthy donors per group. Bars are the mean \pm SD. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, ns=non-significant by Friedman One-Way ANOVA.